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**MATERIALS DELIVERED BY MEMBER STATES**

In this document the Director General is reporting to the Members of the Agency, under Article IX, G of the Statute, the quantities of materials which Members had delivered up to the end of 1972, in compliance with requests the Agency had made under Article IX, D.

## ABBREVIATIONS AND SIGNS USED

Agency	-	International Atomic Energy Agency
Egypt	-	Arab Republic of Egypt
FRG	-	Federal Republic of Germany
UK	-	United Kingdom of Great Britain and Northern Ireland
USA	-	United States of America
USSR	-	Union of Soviet Socialist Republics
Zaire	-	Republic of Zaire
Cf	-	Californium
n	-	Natural uranium
n/d	-	Natural or depleted uranium
Np	-	Neptunium
U	-	Uranium
*	-	Less than 1 $\mu\text{g}$
**	-	1 $\mu\text{g}$ or more, but less than 1 mg
***	-	1 mg or more, but less than 0.5 g

## MATERIALS DELIVERED BY MEMBER STATES UP TO 31 DECEMBER 1972

Reference number	Supplier	Recipient	Quantity		Enrichment by weight in $^{235}\text{U}$ (per cent <sup>a/</sup> )	Type of transaction	Date of transfer of possession	Text of agreement (INF/CIRC/..)	
			Fissionable isotope content (grams <sup>a/</sup> )	Total element (kilo-grams <sup>a/</sup> )					
NUCLEAR MATERIALS									
SPECIAL FISSIONABLE MATERIALS									
Plutonium									
1.	1	UK	Agency	**		Sale	Jan 1962		
	2	USA	Agency	*		Gift	Apr 1962		
	3	USA	Agency	*		Gift	Sep 1962		
	4	USA	Greece	80		Sale	Jun 1963		
	5	UK	Yugoslavia	***		Sale	Oct 1963		
	6	France	Yugoslavia	5		Gift	Dec 1963		
	7	USA	Agency	96		Gift	Mar 1964		
	8	USA	Yugoslavia	***		Sale	Jun 1964		
	9	USA	Yugoslavia	***		Sale	Jun 1964		
	10	UK	Agency	***		Sale	Jun 1964		
	11	USA	Agency	***		Sale	Jul 1964		
	12	USA	Pakistan	112		Sale	Apr 1965	34	
	13	USA	Turkey	72		Gift	May 1966	83, part II	
	14	France	Agency	12		Gift	Feb 1967		
	15	USA	Mexico	80		Gift	Jun 1967	82	
	16	USA	Agency	2		Sale	Aug 1967		
	17	USA	Iran	112		Sale	Sep 1967	97	
	18	USA	Mexico	80		Gift	Mar 1968	102	
	19	USA	India	80		Gift	Oct 1968	94	
	20	France	Romania	1		Loan	Oct 1968	95/Add. 1	
	21	USA	Uruguay	80		Gift	Jan 1969	67	
	22	USSR	Burma	16		b/	Nov 1970		
	23	UK	Burma	***		b/	Apr 1971		
	24	USSR	Sri Lanka	80		b/	Dec 1970		
	25	USA	India	***		Gift	Sep 1969	94/Add. 1, part I	
	26	USA	India	***		Gift	Jun 1970	94/Add. 1, part II	
	27	USA	India	***		Sale	Oct 1970	94	
	28	USA	India	***		Gift	c/	94/Add. 1, part I	
	29	USA	India	1		Sale	c/	94/Add. 2, part I	
	30	USSR	Indonesia	80		b/	Jan 1969		
	31	USSR	Egypt	80		b/	Dec 1969		
	32	USSR	Egypt	16		b/	Nov 1970		
	33	USSR	Egypt	**		b/	Nov 1970		
	34	Belgium	Bulgaria	***		Sale	Mar 1971	148	
	35	USA	Pakistan	5		Gift	c/	150/Add. 1	
	36	USA	Pakistan	***		Gift	c/	150/Add. 1	
	37	USA	India	***		Sale	Nov 1971	94/Add. 2, part II	
	38	USSR	Singapore	16		b/	May 1971		
	39	USA	Iraq	16		Gift	c/		
	40	USA	Poland	1		Sale	c/		
	41	USA	Mexico	1.5		Sale	c/		
	42	USA	India	1		Sale	c/		
	43	USA	Chile	***		Sale	Nov 1972		
	44	USA	Agency	1		Sale	c/		
	45	USA	Agency	***		Sale	Apr 1971		
	46	USA	Agency	***		Sale	c/		
Enriched uranium									
2.	1	USA	Norway	42 206		3	Lease	Oct 1961	29
	2	USA	Finland	2 492		20	Gift	Feb 1962	24
	3	USA	Finland	5		93	Gift	Feb 1962	24
	4	USA/Belgium	Zaire	1 988		20	Sale to Belgium, gift to Zaire <sup>d/</sup>	Jun 1962	37
	5	USA/Belgium	Zaire	3		94	Sale to Belgium, gift to Zaire <sup>d/</sup>	Jun 1962	37
	6	USA	Austria	200		90	Sale	Jul 1963	
	7	UK	Yugoslavia	***		93	Sale	Oct 1963	
	8	USA	Finland	***		100	Sale	Oct 1963	
	9	USSR	Finland	3 025		10	Sale	Mar 1964	53
	10	USA	Agency	3		94	Sale	Apr 1964	
	11	USA	Agency	***		2	Sale	Apr 1964	
	12	USA	Norway	(40 476) <sup>e/</sup>		3	Return <sup>e/</sup>	Jun 1964	29
	13	USA	Yugoslavia	3		95	Sale	Jun 1964	
	14	UK	Agency	***		93	Sale	Jun 1964	
	15	USA	Finland	***		93	Sale	Aug 1964	

Reference number	Supplier	Recipient	Quantity		Enrichment by weight in $^{235}\text{U}$ (per cent <sup>a/</sup> )	Type of transaction	Date of transfer of possession	Text of agreement (INFCIRC/...)
			Fissionable isotope content (grams <sup>a/</sup> )	Total element (kilo-grams <sup>a/</sup> )				
Enriched uranium (continued)								
16	USA	Agency	3		80	Sale	Nov 1964	
17	USA	Norway	57 930		3	Lease	Nov 1964	29/Add. 2, part II
18	USA	Argentina	2 940		90	Gift <sup>f/</sup>	Dec 1964	62
19	USA	Pakistan	5 175		90	Part gift, part sale	Apr 1965	34
20	USA	Pakistan	2		93	Sale	Apr 1965	34
21	USA	Yugoslavia	292		20	Gift	Nov 1965	32/Add. 1
22	USA	Yugoslavia	2 376		20	Gift	Dec 1965	32
23	USA	Yugoslavia	3		93	Gift	Dec 1965	32
24	USA	Argentina	893		90	Gift <sup>f/</sup>	Dec 1965	62/Add. 1
25	USA	Romania	93		93	Sale	Dec 1966	95
26	USA	Finland	380		20	Gift	Jan 1967	24/Add. 2
27	UK	Agency	1		g/	Gift <sup>h/</sup>	Mar 1967	
28	USA	Norway	(14 979) <sup>h/</sup>		3	Return <sup>h/</sup>	Mar 1967	29/Add. 2, part II
29	USA	Iran	5 155		93	Part gift, part sale	Sep 1967	97
30	USA	Iran	3		93	Sale	Sep 1967	97
31	USA	Philippines	1 369		93	Gift	Oct 1967	88
32	USA	Viet-Nam	76		20	Gift	Dec 1967	106
33	USA	Philippines	1 555		93	Gift	Jan 1968	88
34	USA	Spain	10 129		90	Part gift, part lease	Feb 1968	99
35	USA	Finland	380		20	Sale	Mar 1968	24/Add. 3
36	USA	Norway	(42 470) <sup>h/</sup>		3	Return <sup>h/</sup>	Apr 1968	29/Add. 2, part II
37	USA	Yugoslavia	152		20	Sale	Jul 1968	32/Add. 2
38	USSR	Romania	20		20	Sale	Sep 1968	95/Add. 1
39	USA	Mexico	3 333		20	Gift	Oct 1968	52
40	USA	Mexico	4		90	Gift	Oct 1968	52
41	USA	Zaire	200		20	Gift	Nov 1968	37
42	USA	Zaire	5		90	Gift	Nov 1968	37
43	USA	Zaire	80		20	Gift	Nov 1968	37/Add. 2
44	USA	Uruguay	3 183		20	Gift	Jan 1969	67
45	USA	Uruguay	3		90	Gift	Jan 1969	67
46	USA	Pakistan	4 000		93	Part gift, part sale	Oct 1971	34/Add. 1
47	USA	Pakistan	1 680		10	Sale	Jun 1970	115
48	FRG	Argentina	750		20	Gift	Jun 1971	143
49	USA	Pakistan	2		93	Sale	Feb 1970	34/Add. 2
50	USA	Chile	9 570		93	Part gift, part lease	Sep 1972	137
51	USA	Finland	4 750		20	Sale	i/	24/Add. 4
52	USA	Finland	3		90	Sale	i/	24/Add. 4
53	USA	Greece	100		93	Gift	Jul 1971	149, part II
54	USA	India	**		99	Gift	c/	94/Add. 1, part I
55	USA	India	***		20 <sup>i/</sup>	Sale	Oct 1970	94
56	USA	India	1		5	Sale	Oct 1970	94
57	USA	India	1		20	Sale	Oct 1970	94
58	USA	India	1		50	Sale	Oct 1970	94
59	USA	India	45		90	Gift	Mar 1971	94/Add. 1, part II
60	USA	Indonesia	3 605		20	Gift	Oct 1972	136
61	USA	Brazil	465		93	Gift	Jun 1971	147, part II
62	UK	Burma	***			b/	Apr 1971	
63	USA	Zaire	1		93	Sale	Apr 1971	37/Add. 3
64	USA	Zaire	3 000		20	Gift	Jun 1971	37/Add. 4
65	USA	Greece	1 220		90	Gift <sup>k/</sup>	Mar 1972	163
66	USA	Pakistan	9		99	Gift	c/	150/Add. 1
67	USA	Pakistan	10 000		10	Sale	i/	116/Add. 1
68	USA	Yugoslavia	4 800		20-70	Part gift, part sale	i/	32/Add. 3
69	Sweden	Yugoslavia	440			i/	Nov 1970	
70	UK	Yugoslavia	1		93	Sale	May 1971	151, part III
71	USA	Agency	53		3	Sale	Jul 1971	
72	USA	Agency	30		3	Sale	Jul 1972	
73	FRG	Mexico	750		20	Gift	Aug 1972	162
74	USA	Poland	***		90	Sale	c/	
75	USA	Romania	180		90	Gift	c/	
76	UK	Romania	63		0.5-90	b/	c/	
77	USA	Indonesia	2 400		20	Sale	c/	
78	USA	Agency	5		20, 49, 75	Sale	c/	
79	USA	India	***		2	Sale	c/	
80	USA	India	5		0.5-90	Sale	c/	
81	USA	Mexico	14		0.5-97	Sale	c/	
82	USA	Mexico	772		20	Part gift, part sale	c/	52/Add. 1
			7 560		70			
83	USA	Poland	2		1-90	Sale	c/	
84	USA	Greece	1 580		90	Gift <sup>m/</sup>		

Reference number	Supplier	Recipient	Quantity		Enrichment by weight in $^{235}\text{U}$ (per cent <sup>a/</sup> )	Type of transaction	Date of transfer of possession	Text of agreement (INFCIRC/..)
			Fissionable isotope content (grams <sup>a/</sup> )	Total element (kilo-grams <sup>a/</sup> )				
Uranium-232								
3. 1	UK	India	***			Sale	<u>c/</u>	
Uranium-233								
4. 1	USA	Agency	***			Sale	Jul 1964	
2	UK	Yugoslavia	***			Sale	<u>c/</u>	151, part II
3	UK	Yugoslavia	***			<u>b/</u>	Jul 1970	
4	UK	Burma	***			<u>b/</u>	Apr 1971	
5	USA	India	***			Gift	<u>c/</u>	94/Add. 1, part I
6	UK	India	***			Sale	<u>c/</u>	
7	USA	Agency	***			Sale	<u>c/</u>	
8	USA	Agency	***			Sale	Mar 1971	
SOURCE MATERIALS								
Uranium								
5. 1	Canada	Japan		3 042 <sup>n/</sup>	n	Gift to the Agency, sale to Japan	Nov 1959	3
2	Sweden	Agency		9	n/d	Gift	Jun 1963	
3	Canada	Agency		6	n/d	Gift	Jul 1963	
4	UK	Egypt		2	n	Sale	Nov 1964	
5	USA	Mexico		2 527	n	Lease	Jan 1967	82
6	USA	Mexico		2 519	n	Lease	Apr 1968	102
7	USA	Pakistan		***	n	Sale	<u>c/</u>	150/Add. 1
8	USA	India		***	n/d	Sale	May 1972	94/Add. 2, part III
Thorium								
6. 1	USA	Finland		***		Sale	Oct 1963	
2	Belgium	Bulgaria		***		Sale	Mar 1971	148
3	USA	Poland		***		Sale	<u>c/</u>	
NON-NUCLEAR MATERIALS								
7. 1	UK	Yugoslavia		***		Sale	Oct 1963	
2	USA	Pakistan		( <sup>237</sup> Np)		Sale	Nov 1972	150/Add. 1
3	USA	Poland		( <sup>252</sup> Cf)		Sale	<u>c/</u>	
				( <sup>237</sup> Np)				

a/ Rounded off to the nearest integer.

b/ Material transferred under a technical assistance agreement.

c/ Material not delivered by 31 December 1972 but already allocated under Article XI.F.1 of the Statute.

d/ The material was sold to Belgium by USA on 9 December 1958, and given by Belgium to Zaire, through the Agency and with the approval of the supplier, pursuant to the TRIGO Title Transfer Agreement (INFCIRC/37, part I). The date given in the table is that of the transfer of title.

e/ See reference number 2.1; title to the balance of the material was at the same time transferred to Norway as a gift (INFCIRC/29/Add. 2, part I).

f/ The material had previously been leased by USA to Argentina, and was in Argentina at the time of the transfer of title through the Agency to Argentina. The date given is that of the transfer of title.

g/ Five samples each containing 0.595 grams of uranium enriched to 90%, 50%, 20%, 10% and 1% respectively.

h/ See reference number 2.17; 481 grams of uranium-235 remained in Norway after April 1968.

i/ The material is covered by a long-term Supply Agreement; only part of it had been delivered by 31 December 1972.

j/ Four samples containing uranium enriched to 10%, 5%, 3% and 1% respectively.

k/ The material had previously been leased by USA to Greece, and was in Greece at the time of the transfer of title through the Agency to Greece. The date given is that of the transfer of title.

l/ Material of US origin which has been transferred through the Agency for the testing of a fuel element in Yugoslavia for up to one year.

m/ The material had previously been leased by USA to Greece and was in Greece when it was allocated as a gift in December 1972.

n/ Samples weighing 26 kilograms, which were transferred at an earlier date, are included in this amount.