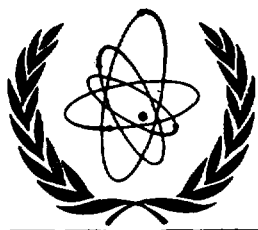


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International Atomic Energy Agency

INFCIRC/40/Rev.5  
30 August 1968

GENERAL Distr.

Original : ENGLISH

## MATERIALS DELIVERED BY MEMBER STATES

1. The information given in this document is divided into two parts. In part I the Director General is reporting to the Members of the Agency, under Article IX.G of the Statute, the quantities of materials delivered by Members up to 30 June 1968 in compliance with requests the Agency had made under Article IX.D.
2. Part II contains information about materials which had not been delivered by 30 June 1968 but which had been allocated, in accordance with Article XI.F.1 of the Statute, to approved Agency projects for which project arrangements were in force on that date.

## ABBREVIATIONS AND SIGNS USED

Agency	—	International Atomic Energy Agency
Congo, D.R.	—	Democratic Republic of the Congo
UAR	—	United Arab Republic
UK	—	United Kingdom of Great Britain and Northern Ireland
USA	—	United States of America
USSR	—	Union of Soviet Socialist Republics
n	—	Natural uranium
n/d	—	Natural or depleted uranium
Np	—	Neptunium
Pu	—	Plutonium
Th	—	Thorium
U	—	Uranium
*	—	Less than 1 $\mu\text{g}$
**	—	Less than 1 mg but over 1 $\mu\text{g}$
***	—	Less than 0.5 g but over 1 mg

## I. MATERIALS DELIVERED BY MEMBER STATES UP TO 30 JUNE 1968

Item	Supplier	Recipient	Quantity		Enrichment by weight in <sup>235</sup> U (per cent <sup>a</sup> )	Type of trans- action	Date of transfer of possession	Text of agreement (INFCIRC/..)
			Fissionable isotope content (grams <sup>a</sup> )	Total element (kilo- grams <sup>a</sup> )				
NUCLEAR MATERIALS								
SPECIAL FISSIONABLE MATERIALS								
Plutonium								
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	
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
Enriched uranium								
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	Congo, D.R.	1 988		20	Sale to Belgium, gift to Congo, D.R. <sup>b</sup> )	Jun 1962	37
5	USA/ Belgium	Congo, D.R.	3		94	Sale to Belgium, gift to Congo, D.R. <sup>b</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>c</sup> )		3	Return <sup>c</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	
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>d</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>d</sup> )	Dec 1965	62/Add.1
25	USA	Romania	105		93	Gift <sup>e</sup> )	Dec 1966	
26	USA	Finland	380		90	Gift	Jan 1967	24/Add.2
27	UK	Agency	1		f)	Gift	Mar 1967	

## MATERIALS DELIVERED BY MEMBER STATES

Item	Supplier	Recipient	Quantity		Enrichment by weight in <sup>235</sup> U (per cent a)	Type of trans- action	Date of transfer of possession	Text of agreement (INFCIRC/...)
			Fissionable isotope content (grams a)	Total element (kilo- grams a)				
28	USA	Norway	(14 979) g		3	Return g)	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	10 400 h)		90	Part lease, part gift	Feb 1968	99
35	USA	Finland	380		90	Sale	Mar 1968	24/Add.3
36	USA	Norway	(42 470) g		3	Return g)	Apr 1968	29/Add.2, part II

## Uranium-233

1	USA	Agency	***			Sale	Jul 1964	
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## SOURCE MATERIALS

## Uranium

1	Canada	Japan		3 042 i)	n	Gift to the Agency, sale to Japan	Nov 1959 f)	3
2	Sweden	Agency		9	n/d	Gift	Jun 1963	
3	Canada	Agency		6	n/d	Gift	Jul 1963	
4	UK	UAR		2	n	Sale	Nov 1964	
5	US	Mexico		2 527	n	Lease	Jan 1967	82
6	US	Mexico		2 519	n	Lease	Apr 1968	102

## Thorium

1	USA	Finland	***			Sale	Oct 1963	
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## NON-NUCLEAR MATERIALS

1	UK	Yugoslavia	*** (237Np)			Sale	Oct 1963	
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a) Rounded off to the nearest integer.

b) The material was purchased by Belgium from USA on 9 December 1958, and donated by Belgium to Congo, D.R., through the Agency and with the approval of the supplier pursuant to the TRICO Title Transfer Agreement (INFCIRC/37, part I). The date given in the table is therefore that of the transfer of title.

c) See item 1 under this sub-heading; title to the balance of the material was at the same time transferred to Norway as a gift (INFCIRC/29/Add.2, part I).

d) The material had previously been leased by USA to Argentina and was in Argentina at the time of the transfer of title from USA, through the Agency, to Argentina. The date given in the table is therefore that of the transfer of title.

e) Supplied in connection with Agency Research Contract No 229/RB.

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

g) See item 17 under this sub-heading; 481 grams of uranium-235 remained in Norway after April 1968.

h) Preliminary figure.

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

## II. MATERIALS ALLOCATED BUT NOT DELIVERED BY 30 JUNE 1968

Item	Supplier	Recipient	Quantity		Enrichment by weight in <sup>235</sup> U (per cent <sup>a)</sup> )	Type of transaction	Text of agreement (INFCIRC/ ... )
			Fissionable isotope content (grams <sup>a)</sup> )	Total element (kilo- grams <sup>a)</sup> )			
NUCLEAR MATERIALS							
SPECIAL FISSIONABLE MATERIALS							
Plutonium							
1	USA	Uruguay <sup>b)</sup>	80			Gift	67
2	USA	India	80			Gift	94
3	USA	Mexico <sup>c)</sup>	80			Gift	102
Enriched uranium							
1	USA	Congo, D.R. <sup>c)</sup>	200		20	Gift	37
2	USA	Congo, D.R. <sup>c)</sup>	5		90	Gift	37
3	USA	Congo, D.R. <sup>c)</sup>	80		20	Gift	37/Add.2
4	USA	Mexico <sup>c)</sup>	4 000		20	Gift	52
5	USA	Mexico <sup>c)</sup>	4		90	Gift	52
6	USA	Uruguay <sup>b)</sup>	3 183		20	Gift	67
7	USA	Uruguay <sup>b)</sup>	3		90	Gift	67
8	USA	Pakistan	4 000		90	Sale	34/Add.1
9	USA	Pakistan <sup>d)</sup>	1 696		10	Sale	
10	USSR	Romania <sup>d)</sup>	20		20	Sale	
11	USA	Yugoslavia <sup>c)</sup>	152		20	Sale	32/Add.2

a) Rounded off to nearest integer.

b) The material was in Montevideo at the end of the period, but had not been transferred to Uruguay.

c) Fabrication of material completed.

d) Material being fabricated.