



International Atomic Energy Agency

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#### 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 31 December 1964 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 31 December 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

Congo, D. R.	-	Democractic 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 $\mu$ g
**	-	Less than 1 mg but over 1 $\mu$ g
***	-	Less than 0.5 g but over 1 mg

I. MATERIALS DELIVERED BY MEMBER STATES UP TO 31 DECEMBER 1964

Supplier	Recipient	Materials transferred		Enrichment by weight in U <sup>235</sup> (per cent) <sup>a/</sup>	Type of trans- action	Date of transfer of possession	Text of agreement (INFCIRC/..)
		Quantity					
		Fissionable isotope content (grams) <sup>a/</sup>	Total element (kilo- grams) <sup>a/</sup>				

A. NUCLEAR MATERIALS

(i) SPECIAL FISSIONABLE MATERIALS

(a) 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	*** (Pu <sup>240</sup> )			Sale	Jun 1964	
10. UK	Agency	***			Sale	Jun 1964	
11. USA	Agency	***			Sale	Jul 1964	

(b) 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 <sup>b/</sup> Congo	Jun 1962	37
5. USA/ Belgium	Congo, D. R.	3		94	Sale to Belgium, gift to <sup>b/</sup> Congo	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. USA	Norway	(40 476) <sup>c/</sup>		3	Return <sup>c/</sup>	Jan 1964	29
10. USSR	Finland	3 025		10	Sale	Mar 1964	53
11. USA	Agency	3		94	Sale	Apr 1964	
12. USA	Agency	***		2	Sale	Apr 1964	
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
18. USA	Argentina	2 940		90	Gift <sup>d/</sup>	Dec 1964	62

Supplier	Recipient	Materials transferred			Type of trans- action	Date of transfer of possession	Text of agreement (INFCIRC/..)
		Quantity		Enrichment by weight in U <sup>235</sup> (per cent) <sup>a/</sup>			
		Fissionable isotope content (grams) <sup>a/</sup>	Total element (kilo-grams) <sup>a/</sup>				
(c) <u>Uranium-233</u>							
1. USA	Agency	***			Sale	Jul 1964	
(ii) SOURCE MATERIALS							
(a) <u>Uranium</u>							
1. Canada	Japan	3 042 <sup>e/</sup>		n	Gift to the Agency, sale to Japan	Nov 1959 <sup>e/</sup>	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	
(b) <u>Thorium</u>							
1. USA	Finland		***(Th <sup>230</sup> )		Sale	Oct 1963	
B. <u>NON-NUCLEAR MATERIALS</u>							
1. UK	Yugoslavia		***(Np <sup>237</sup> )		Sale	Oct 1963	

<sup>a/</sup> Rounded off to the nearest integer.

<sup>b/</sup> The material in question was purchased by Belgium from the USA on 9 December 1958, and donated by Belgium to the 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.

<sup>c/</sup> 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).

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

<sup>e/</sup> Samples weighing 26 kilograms, which were transferred at an earlier date, are included in this amount.

II. MATERIALS ALLOCATED BUT NOT DELIVERED BY 31 DECEMBER 1964

Supplier	Recipient	Materials to be transferred			Type of trans- action	Text of agreement (INFCIRC/..)
		Quantity		Enrichment by weight in U <sup>235</sup> (per cent) <sup>a/</sup>		
		Fissionable isotope content (grams) <sup>a/</sup>	Total element (kilo- grams) <sup>a/</sup>			

A. <u>NUCLEAR MATERIALS</u>						
(i) SPECIAL FISSIONABLE MATERIALS						
(a) <u>Plutonium</u>						
1. USA	Pakistan	112			Sale	34
2. USA	Yugoslavia	***			Sale	
3. USA	Agency	96			Gift	
(b) <u>Enriched uranium</u>						
1. USA	Yugoslavia	2 600		20	Gift	32
2. USA	Yugoslavia	5		90	Gift	32
3. USA	Pakistan	5 198		90	Part gift, part sale	34
4. USA	Congo, D. R.	200		20	Gift	37
5. USA	Congo, D. R.	5		90	Gift	37
6. USA	Yugoslavia	3		93	Sale	
7. USA	Mexico	4 000		20	Gift	52
8. USA	Mexico	4		90	Gift	52

<sup>a/</sup> Rounded off to the nearest integer.