Appendix B: Table 3.3.1

DECEMBER 1947 THROUGH JUNE 51 HANFORD (GE Company) URANIUM SHIPMENTS OFFSITE

All Shipments are Out-of-Scope (for reference use)

						GE- Hanford Works Beginning Inventory			Mallinckrodt Chei New York Operat
Time Frame	Date From	Date To	RIS From	Box #	Doc #	BEG. INV. Kg NU	IN PROCESS Kg NU	IN WASTE TANKS Kg DU	Kg DU
1947	31-Dec-47	BEG. INV.	HGE	38213	HW-15-701	SEE RECEIPTS	SEE RECEIPTS	SEE RECEIPTS	
1947	31-Dec-47	31-Dec-48	HGE	38213	HW-15-701				
1948	31-Dec-48	31-Dec-49	HGE	38213	FTS-668				
1949	31-Dec-49	31-Dec-50	HGE	38213	FTS-670				
FY 50									
FY 1951	01-Jan-51	30-Jun-51	HGE	38213	FTS 845				

OUT OF SCOPE ***Total Kg Shipped***

OUT OF SCOPE ***Total MTU Shipped***

Appendix B: Table 3.3.1

·m Works tions (later under ORO Ops)			Simonds Saw & Steel Co. NY Ops				Electro Metallurgical Chem Wks NY Ops				Metal Hydri NY Ops
Kg NU	Gm EU	Total Kg	Kg DU	Kg NU	Gm EU	Total Kg	Kg DU	Kg NU	Gm EU	Total Kg	Kg DU
		0.0		35,633.3		**35,633.3**				**0.0**	
77,868.0		**77,868.0**		170,963.0		**170,963.0**				**0.0**	
61668		**61,668.0**		212369		**212,369.0**				**0.0**	
		0.0				**0.0**				**0.0**	
12606		**12,606.0**		93045		**93,045.0**				**0.0**	
		0.0				**0.0**				**0.0**	
		0.0				**0.0**				**0.0**	
		152,142.0				512,010.3				0.0	
		152.142				**512.01**				**0.00**	

ides Inc.			Vulcan Crucible Steel NY Ops				Chicago Operations Office Argonne National Lab				Chicago Operations Of Battelle Memorial Instit	
Kg NU	Gm EU	Total Kg	Kg DU	Kg NU	Gm EU	Total Kg	Kg DU	Kg NU	Gm EU	Total Kg	Kg DU	Kg NU
		0.0		332,037.9		**332,037.9**	0.7	1,840.3		**1,841.0**		1,101.4
		0.0		75,037.0		**75,037.0**		458.0	9.6	**458.0**		515.0
		0.0				**0.0**		14101		**14,101.0**		239
		0.0				**0.0**				**0.0**		
		0.0				**0.0**		5006		**5,006.0**		11
		0.0				**0.0**				**0.0**		
		0.0				**0.0**				**0.0**		
		0.0				407,074.9				21,406.0		
		0.00				**407.07**				**21.41**		

ffice tute		New York Ops Office NY Ops				Towanda Sub-Office TOA				St. Louis Area Office New York Ops		
Gm EU	Total Kg	Kg DU	Kg NU	Gm EU	Total Kg	Kg DU	Kg NU	Gm EU	Total Kg	Kg DU	Kg NU	Gm EU
	1,101.4				0.0		40,808.8		40,808.8			
	515.0				0.0				0.0		22,048.0	
	239.0				0.0				0.0			
	0.0				0.0				0.0			
	11.0				0.0				0.0			
	0.0				0.0				0.0			
	0.0				0.0				0.0			
	1,866.4				0.0				40,808.8			
	1.87				**0.00**				**40.81**			

Appendix B: Table 3.3.1

Total Kg	Carbide & Carbon Chem Co. ORO Y-12 & K-25 CYT Kg DU	Kg NU	Gm EU	Total Kg	Oak Ridge Natl Lab ORO ORL Kg DU	Kg NU	Gm EU	Total Kg	Clinton Laboratory Kg DU	Kg NU	Gm EU	Total Kg
0.0		273.8		**273.8**		478.4	165.0	**478.6**				0.0
22,048.0				**0.0**		191.0	9,505.0	**200.5**				0.0
0.0		5447	32,224	**5,479.2**		1499	803	**1,499.8**				0.0
0.0				**0.0**				**0.0**				0.0
0.0		447	64,008	**511.0**				**0.0**				0.0
0.0				**0.0**				**0.0**				0.0
0.0				**0.0**				**0.0**				0.0
22,048.0				6,264.0				2,178.9				0.0
22.05				**6.26**				**2.18**				**0.00**

Appendix B: Table 3.3.1

GE Research Laboratory Schenectady Ops SGE				Joslyn Manufacturing & Supply Co.				New Brunswick Lab				Sante Fe O
Kg DU	Kg NU	Gm EU	Total Kg	Kg DU	Kg NU	Gm EU	Total Kg	Kg DU	Kg NU	Gm EU	Total Kg	Kg DU
	1,102.2	0.4	**1,102.2**		201,914.0		**201,914.0**				**0.0**	
	77.0		**77.0**				**0.0**				**0.0**	
	1062		**1,062.0**				**0.0**				**0.0**	
			0.0				**0.0**				**0.0**	
	142		**142.0**				**0.0**				**0.0**	
			0.0				**0.0**				**0.0**	
			0.0				**0.0**				**0.0**	
			2,383.2				201,914.0				0.0	
			2.38				**201.91**				**0.00**	

Appendix B: Table 3.3.1

)ps/Los Alamos			Hanford Operations-Crane Company				Schenectady Operations Office				Savannah River El DuPont	
Kg NU	Gm EU	Total Kg	Kg DU	Kg NU	Gm EU	Total Kg	Kg DU	Kg NU	Gm EU	Total Kg	Kg DU	Kg NU
30,681.8		**30,681.8**				**0.0**				**0.0**		
6,804.0		**6,804.0**				**0.0**				**0.0**		
24941		**24,941.0**				**0.0**				**0.0**		
		0.0				**0.0**				**0.0**		
27280		**27,280.0**				**0.0**				**0.0**		315
		0.0				**0.0**				**0.0**		
		0.0				**0.0**				**0.0**		
		89,706.8				0.0				0.0		
		89.71				**0.00**				**0.00**		

	Berkley NDL Chicago Ops				Vitro Manufacturing Co NY Ops				USAEC X-10 Operations Office		
Gm EU	Total Kg	Kg DU	Kg NU	Gm EU	Total Kg	Kg DU	Kg NU	Gm EU	Total Kg	Kg DU	Kg NU	Gm EU
	0.0				0.0		99,365.2		99,365.2		428.5	
	0.0		4.0		4.0		17,516.0		17,516.0			
	0.0				0.0				0.0			
	0.0				0.0				0.0			
	315.0				0.0				0.0			
	0.0				0.0				0.0			
	0.0				0.0				0.0			
	315.0				4.0				116,881.2			
	0.32				**0.00**				**116.88**			

Chapman Valve Manuf. Co.

Total Kg	Kg DU	Kg NU	Gm EU	Total Kg	Total
428.5		24,129.7		**24,129.7**	
0.0				**0.0**	
0.0				**0.0**	
0.0				**0.0**	
0.0				**0.0**	
0.0				**0.0**	
0.0				**0.0**	
428.5				24,129.7	**1,601,562**
0.43				**24.13**	**1,601.56**

Appendix B: Table 3.3.2

FY 1952-65 HANFORD (GE Company) URANIUM SHIPMENTS TO OFFSITE LOCATIONS

						MINOR TIER 1 SITE					MINOR TIER 1 SITE	
						Mallinckrodt Chem Works (MCW) NY Ops - ORO Ops (IN FY55 Weldon Spring)					Simonds Saw & Steel Co. New York Ops	
FY	Date From	Date To	From RIS	Box #	Doc #	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU
1950	31-Dec-49	31-Dec-50	HGE	38213	FTS-670	OUT-OF-SCOPE, SEE APPENDIX B, TABLE 3.3.1						
1951	31-Dec-50	30-Jun-51	HGE	38213	FTS-845	OUT-OF-SCOPE, SEE APPENDIX B, TABLE 3.3.1						
1952	01-Jul-51	31-Dec-51	HGE	38213	FTS-864			0.00	**0.00**	1952		130,377.00
1952	01-Jan-52	30-Jun-52	HGE	38213	FTS 953		4,719.00	0.00	**4,719.00**	1952		326,377.00
1953	01-Jul-52	30-Jun-53	HGE	38213	FTS 1085		60,627.00	0.00	**60,627.00**	1953		438,066.00
1954	01-Jul-53	30-Jun-54	HGE	38213	FTS 1311		86,317.00	0.00	**86,317.00**	1954		
1955	01-Jul-54	30-Jun-55	HGE	38213	FTS 1481	3.00	33,536.00	0.00	**33,539.00**	1955		
1956	01-Jul-55	30-Jun-56	HGE	38213	FTS 1644		318.00	0.00	**318.00**	1956		
1957	01-Jul-56	30-Jun-57	HGE	38213	FTS 1980		154.00	0.00	**154.00**	1957		
1958	01-Jul-57	30-Jun-58	HGE	38213	FTS CLVI 463			0.00	**0.00**	1958		
1959	01-Jul-58	30-Jun-59	HGE	38213	HAN 72720	4.00	1,554.00	0.00	**1,558.00**	1959		
1960	01-Jul-59	30-Jun-60	HGE	38213	HAN 75996		138.00	0.00	**138.00**	1960		
1961	01-Jul-60	30-Jun-61	HGE	38213	HAN 79125		118.00	0.00	**118.00**	1961		
1962	01-Jul-61	30-Jun-62	HGE	38213	HAN 82406	5.00	611.00	0.00	**616.00**	1962		
1963	01-Jul-62	30-Jun-63	HGE	38213	HAN 85615			0.00	**0.00**	1963		
1964	01-Jul-63	30-Jun-64	HGE	38213	HAN 88957			0.00	**0.00**	1964		
1965	01-Jul-64	30-Jun-65	HZA	38213	HAN 92119				**0.00**	1965		
					FY 52 thru FY 65 Kilogram totals	12.00	188,092.00	0.00	**188,104.00**		0.00	894,820.00
					FY 52 thru FY 65 MTU totals				**188.104**			
					IN-SCOPE KG TOTALS	12.0	183,373.0	0.0	**183,385.0**		0.0	438,066.0

Appendix B: Table 3.3.2

			MINOR TIER 1 SITE					MINOR TIER 1 SITE			
			New York Operations Harshaw Chemical Co., Cleveland					New York Operations Massachusetts Institute of Technology			
Gm EU	KgU subtotal	FY	MHR Kg DU	Kg NU	Gm EU	subtotal	FY	Kg DU	Kg NU	Gm EU	subtotal
0.00	**130,377.00**	1952			0.00	**0.00**	1952			0.00	**0.00**
0.00	**326,377.00**	1952		11.00	0.00	**11.00**	1952			0.00	**0.00**
0.00	**438,066.00**	1953	1,674,970.00	0.00	0.00	**1,674,970.00**	1953		3,920.00	0.00	**3,920.00**
0.00	**0.00**	1954	238,736.00		0.00	**238,736.00**	1954		267.00	0.00	**267.00**
0.00	**0.00**	1955			0.00	**0.00**	1955			0.00	**0.00**
0.00	**0.00**	1956			0.00	**0.00**	1956			0.00	**0.00**
0.00	**0.00**	1957			0.00	**0.00**	1957			0.00	**0.00**
0.00	**0.00**	1958			0.00	**0.00**	1958			0.00	**0.00**
0.00	**0.00**	1959			0.00	**0.00**	1959			0.00	**0.00**
0.00	**0.00**	1960			0.00	**0.00**	1960			0.00	**0.00**
0.00	**0.00**	1961			0.00	**0.00**	1961			0.00	**0.00**
0.00	**0.00**	1962			0.00	**0.00**	1962			0.00	**0.00**
0.00	**0.00**	1963			0.00	**0.00**	1963			0.00	**0.00**
0.00	**0.00**	1964			0.00	**0.00**	1964			0.00	**0.00**
0.00	**0.00**	1965			0.00	**0.00**	1965			0.00	**0.00**
0.00	**894,820.00**		1,913,706.00	11.00	0.00	**1,913,717.00**		0.00	4,187.00	0.00	**4,187.00**
	894.820					**1,913.717**					**4.187**
0.0	**438,066.0**		1,913,706.0	0.0	0.0	**1,913,706.0**		0.0	4,187.0	0.0	**4,187.0**

	MINOR TIER 1 SITE					MINOR TIER 1 SITE					MINOR TIER 1 SIT	
	New York Ops Office National Lead Company (MNL) Aeroprojects, Nuclear Metals Inc.(MIO)					St Louis Area Office SubOffice to New York Ops					Chicago Operations Of GE, Battelle Columbus	
FY	Kg DU	Kg NU	Gm EU	subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU
1952			0.00	**0.00**	1952		14,355.00	0.00	**14,355.00**	1952		28.00
1952		90.00	0.00	**90.00**	1952		35,617.00	0.00	**35,617.00**	1952		119.00
1953		111,637.00	0.00	**111,637.00**	1953			0.00	**0.00**	1953		267.00
1954		372,669.00	0.00	**372,669.00**	1954			0.00	**0.00**	1954		
1955			0.00	**0.00**	1955			0.00	**0.00**	1955		236.00
1956			0.00	**0.00**	1956			0.00	**0.00**	1956		3.00
1957			0.00	**0.00**	1957			0.00	**0.00**	1957		84.00
1958			0.00	**0.00**	1958			0.00	**0.00**	1958		302.00
1959	4,614.00	1,515.00	1,012,413.00	**7,141.41**	1959			0.00	**0.00**	1959	3.00	65.00
1960		1,172.00	0.00	**1,172.00**	1960			0.00	**0.00**	1960	31.00	2.00
1961		2,558.00	85,672.00	**2,643.67**	1961			0.00	**0.00**	1961	9.00	67.00
1962		2,161.00	87,116.00	**2,248.12**	1962			0.00	**0.00**	1962		136.00
1963			0.00	**0.00**	1963			0.00	**0.00**	1963		510.00
1964			0.00	**0.00**	1964			0.00	**0.00**	1964		20.00
1965		24.00	45,454.00	**69.45**	1965			0.00	**0.00**	1965		
	4,614.00	491,826.00	1,230,655.00	**497,670.66**		0.00	49,972.00	0.00	**49,972.00**		43.00	1,839.00
				497.671					**49.972**			
	4,614.0	491,736.0	1,230,655.0	**497,580.7**		0.0	0.0	0.0	**0.0**		43.0	1,692.0

TE			MINOR TIER 1 SITE					MINOR TIER 1 SITE				
ffice			Chicago Operations Office					Chicago Operations Office				
(BMI), Westinghouse			Argonne Nat Lab					Iowa State College				
			ANL					(sent uran slugs)				
Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	
2.00	**28.00**	1952		15.00	5,166.00	**20.17**	1952			0.00	**0.00**	1952
0.00	**119.00**	1952		864.00	1,675.00	**865.68**	1952			0.00	**0.00**	1952
0.00	**267.00**	1953		242.00	0.00	**242.00**	1953		196.00	0.00	**196.00**	1953
2.00	**0.00**	1954	65.00	50.00	192,000.00	**307.00**	1954		95.00	0.00	**95.00**	1954
1,007.00	**237.01**	1955	2.00		1,729.00	**3.73**	1955		155.00	0.00	**155.00**	1955
287.00	**3.29**	1956	14.00	1,173.00	11.00	**1,187.01**	1956		170.00	0.00	**170.00**	1956
1,187.00	**85.19**	1957	14.00		13.00	**14.01**	1957			0.00	**0.00**	1957
1,222.00	**303.22**	1958			0.00	**0.00**	1958			0.00	**0.00**	1958
47,096.00	**115.10**	1959			0.00	**0.00**	1959			0.00	**0.00**	1959
0.00	**33.00**	1960			0.00	**0.00**	1960			0.00	**0.00**	1960
2,894.00	**78.89**	1961		1.00	0.00	**1.00**	1961			0.00	**0.00**	1961
60,160.00	**196.16**	1962			0.00	**0.00**	1962			0.00	**0.00**	1962
179,309.00	**689.31**	1963			0.00	**0.00**	1963			0.00	**0.00**	1963
18.00	**20.02**	1964	19.00	8.00	0.00	**27.00**	1964			0.00	**0.00**	1964
677.00	**0.68**	1965	970.00		0.00	**970.00**	1965			0.00	**0.00**	1965
293,861.00	**2,175.86**		1,084.00	2,353.00	200,594.00	**3,637.59**		0.00	616.00	0.00	**616.00**	
	2.176					**3.638**					**0.616**	
293,859.0	**2,028.9**		1,084.0	1,474.0	193,753.0	**2,751.8**		0.0	616.0	0.0	**616.0**	

MINOR TIER 1 SITE					MINOR TIER 1 SITE					MAJOR TIER 1 SITE		
Miscellaneous Site 2					New Brunswick Lab Oak Ridge Operations NBL					National Lead of Ohio/Fernald Oak Ridge Operations NLO		
Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU
	121.00	377.00	**121.38**	1952		1.00	0.00	**1.00**	1952			0.00
	623.00	0.00	**623.00**	1952		312.00	0.00	**312.00**	1952			0.00
	697.00	0.00	**697.00**	1953			0.00	**0.00**	1953	124.00		0.00
392.00	1,037.00	1,433.00	**1,430.43**	1954			0.00	**0.00**	1954			0.00
	179.00	29.00	**179.03**	1955			0.00	**0.00**	1955		266,206.00	0.00
21.00	260.00	89.00	**281.09**	1956			0.00	**0.00**	1956		411,533.00	0.00
		67.00	**0.07**	1957	22.00		0.00	**22.00**	1957		348,388.00	462,208.00
		7.00	**0.01**	1958	28.00	1.00	0.00	**29.00**	1958		359,711.00	5,497,057.00
		0.00	**0.00**	1959	27.00		0.00	**27.00**	1959	1,363.00	489,893.00	17,736,122.00
		0.00	**0.00**	1960	18.00	1.00	0.00	**19.00**	1960	18.00	362,114.00	20,546,711.00
2.00		0.00	**2.00**	1961			0.00	**0.00**	1961		283,949.00	49,937,914.00
		0.00	**0.00**	1962			0.00	**0.00**	1962		144,415.00	284,990,701.00
		0.00	**0.00**	1963			136.00	**0.14**	1963		227,797.00	1,215,954,820.00
		0.00	**0.00**	1964	1.00		109.00	**1.11**	1964		241,931.00	1,269,135,177.00
		0.00	**0.00**	1965	1.00		979.00	**1.98**	1965		89,293.00	1,946,833,080.00
415.00	2,917.00	2,002.00	**3,334.00**		97.00	315.00	1,224.00	**413.22**		1,505.00	3,225,230.00	4,811,093,790.00
			3.334					**0.413**				
415.0	2,173.0	1,625.0	**2,589.6**		97.0	2.0	1,224.0	**100.2**		1,505.0	3,225,230.0	4,811,093,790.0

MAJOR TIER 1 SITE					MAJOR TIER 1 SITE				
		Carbide & Carbon Chem Co. Oak RidgeY-12 & K-25 GDP					Union Carbide of Kentucky-Paducah Oak Ridge Operations		
Kg U subtotal	FY	CYT & CCC Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	CKY Kg DU	Kg NU	Gm EU
0.00	1952	70	0	0	**70.0**	1952			0.00
0.00	1952	154,394	16,238	0	**170,632.0**	1952			0.00
124.00	1953	557,145	46,405	21,356	**603,571.4**	1953			0.00
0.00	1954	1,147,291	28,508	289,605	**1,176,088.6**	1954	2,233,024.00		0.00
266,206.00	1955	498,888		519,689	**499,407.7**	1955	2,586,213.00		496,031.00
411,533.00	1956	289,124		69,259	**289,193.3**	1956	4,105,038.00		0.00
348,850.21	1957	98,083		680,000	**98,763.0**	1957	5,385,900.00		11,564.00
365,208.06	1958	8,598	14	489,870	**9,101.9**	1958	6,056,423.00		0.00
508,992.12	1959	82		288,203,113	**288,285.1**	1959	5,202,424.00		0.00
382,678.71	1960	15		610,585,416	**610,600.4**	1960	5,148,061.00		0.00
333,886.91	1961			614,923,511	**614,923.5**	1961	6,093,776.00		0.00
429,405.70	1962			46,799,845	**46,799.8**	1962	4,576,354.00		915,461,646.00
1,443,751.82	1963			1,571,464	**1,571.5**	1963	5,771,936.00		0.00
1,511,066.18	1964			5,230	**5.2**	1964	4,087,367.00		0.00
2,036,126.08	1965			3,283	**3.3**	1965			0.00
8,037,828.79		2,753,690	91,165	1,564,161,641	**4,409,016.6**		51,246,516.00	0.00	915,969,241.00
8,037.829					**4,409.017**				
8,037,828.8		2,753,620.0	74,927.0	1,564,161,641.0	**4,392,708.6**		51,246,516.0	0.0	915,969,241.0

		MINOR TIER 1 SITE					MINOR TIER 1 SITE					MINOR T
		Oak Ridge National Lab Oak Ridge Operations					Tonawanda Sub-Office New York Ops					Sylvania El New York (
		ORNL					TOA					
Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU
0.00	1952		1,693.00	0.00	**1,693.00**	1952		295	0.00	**295.00**	1952	
0.00	1952			0.00	**0.00**	1952		670	0.00	**670.00**	1952	
0.00	1953	3,989.00		0.00	**3,989.00**	1953			0.00	**0.00**	1953	
2,233,024.00	1954	1,953.00	21.00	0.00	**1,974.00**	1954			0.00	**0.00**	1954	
2,586,709.03	1955	1,206.00		0.00	**1,206.00**	1955			0.00	**0.00**	1955	
4,105,038.00	1956	1,520.00	57.00	0.00	**1,577.00**	1956			0.00	**0.00**	1956	
5,385,911.56	1957	742.00	90.00	439.00	**832.44**	1957			0.00	**0.00**	1957	
6,056,423.00	1958	68.00		180,134.00	**248.13**	1958			0.00	**0.00**	1958	
5,202,424.00	1959	24.00	182.00	921,808.00	**1,127.81**	1959			0.00	**0.00**	1959	
5,148,061.00	1960	6,103.00	14.00	1.00	**6,117.00**	1960			0.00	**0.00**	1960	
6,093,776.00	1961			385,642.00	**385.64**	1961			0.00	**0.00**	1961	
5,491,815.65	1962			115,534.00	**115.53**	1962			0.00	**0.00**	1962	
5,771,936.00	1963			0.00	**0.00**	1963			0.00	**0.00**	1963	
4,087,367.00	1964			170,921.00	**170.92**	1964			0.00	**0.00**	1964	
0.00	1965			0.00	**0.00**	1965			0.00	**0.00**	1965	
52,162,485.24		15,605.00	2,057.00	1,774,479.00	**19,436.48**		0.00	965.00	0.00	**965.00**		0.00
52,162.485					**19.436**					**0.965**		
52,162,485.2		15,605.0	364.0	1,774,479.0	**17,743.5**		0.0	0.0	0.0	**0.0**		0.0

TIER 1 SITE				MINOR TIER 1 SITE					MINOR TIER 1 SITE				
[redacted]				[redacted]					[redacted]				
lec. Products Ops				San Francisco Operations North Amer Aviation (DNA), Oregon Metallurgical					Bridgeport Brass Co. NY Ops then under ORO				
Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY
16.00	0.00	**16.00**	1952			0.00	**0.00**	1952			0.00	**0.00**	1952
234.00	0.00	**234.00**	1952			0.00	**0.00**	1952			0.00	**0.00**	1952
774.00	0.00	**774.00**	1953	14.00	37.00	0.00	**51.00**	1953			0.00	**0.00**	1953
196.00	0.00	**196.00**	1954			3.00	**0.00**	1954			0.00	**0.00**	1954
	0.00	**0.00**	1955		54.00	0.00	**54.00**	1955			0.00	**0.00**	1955
	0.00	**0.00**	1956	22.00	35.00	0.00	**57.00**	1956		87.00	0.00	**87.00**	1956
	0.00	**0.00**	1957		54.00	0.00	**54.00**	1957			0.00	**0.00**	1957
	0.00	**0.00**	1958	21.00	228.00	0.00	**249.00**	1958			0.00	**0.00**	1958
	0.00	**0.00**	1959	1.00	1,183.00	11,362.00	**1,195.36**	1959		2,096.00	0.00	**2,096.00**	1959
	0.00	**0.00**	1960	2.00	5,025.00	290,491.00	**5,317.49**	1960		1,542.00	0.00	**1,542.00**	1960
	0.00	**0.00**	1961		806.00	10,864.00	**816.86**	1961			0.00	**0.00**	1961
	0.00	**0.00**	1962		4.00	1,173.00	**5.17**	1962			0.00	**0.00**	1962
	0.00	**0.00**	1963		13.00	3,983.00	**16.98**	1963			0.00	**0.00**	1963
	0.00	**0.00**	1964			0.00	**0.00**	1964			0.00	**0.00**	1964
	0.00	**0.00**	1965			1.00	**0.00**	1965			0.00	**0.00**	1965
1,220.00	0.00	**1,220.00**		60.00	7,439.00	317,877.00	**7,816.88**		0.00	3,725.00	0.00	**3,725.00**	
		1.220					**7.817**					**3.725**	
970.0	0.0	**970.0**		60.0	7,439.0	317,877.0	**7,816.9**		0.0	3,725.0	0.0	**3,725.0**	

MINOR TIER 1 SITE

Savannah River (SR)
DuPont
Sylvania Elec, Sylvania Corning Nuc Co.

Kg DU	Kg NU	Gm EU	Kg U subtotal	FY
	185.00	0.00	**185.00**	1952
	11.00	0.00	**11.00**	1952
	21.00	0.00	**21.00**	1953
		0.00	**0.00**	1954
	1,207.00	0.00	**1,207.00**	1955
	104.00	0.00	**104.00**	1956
	297.00	0.00	**297.00**	1957
	943.00	0.00	**943.00**	1958
	318.00	0.00	**318.00**	1959
	59.00	0.00	**59.00**	1960
	4,248.00	0.00	**4,248.00**	1961
	46.00	0.00	**46.00**	1962
	34.00	20,226.00	**54.23**	1963
		0.00	**0.00**	1964
		0.00	**0.00**	1965
0.00	7,473.00	20,226.00	**7,493.23**	
			7.493	
0.0	7,277.0	20,226.0	**7,297.2**	

MINOR TIER 1 SITE

Idaho Operations
Phillips Petroleum Co. (MTI),
AEC Health Physics Div

Kg DU	Kg NU	Gm EU	Kg U subtotal	FY
OUT-OF SCOPE				
IRRADIATED FUEL				

MINOR TIER 1 SITE

Idaho Operations
American Cyanamid Co.

Kg DU	Kg NU	Gm EU	Kg U subtotal
OUT-OF SCOPE			
IRRADIATED FUEL			

	MINOR TIER 1 SITE					MINOR TIER 1 SITE					MINOR TIER 1 SITE		
	Sante Fe/Albuquerque Ops					Division of International Affairs					Miscellaneous Site 1		
FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU
			0.00	**0.00**	1952			0.00	**0.00**	1952			0.00
			0.00	**0.00**	1952			0.00	**0.00**	1952			0.00
		11,420.00	0.00	**11,420.00**	1953			0.00	**0.00**	1953			0.00
		4,611.00	0.00	**4,611.00**	1954			0.00	**0.00**	1954			0.00
			0.00	**0.00**	1955			0.00	**0.00**	1955			0.00
			0.00	**0.00**	1956			0.00	**0.00**	1956			0.00
			0.00	**0.00**	1957			0.00	**0.00**	1957			0.00
			0.00	**0.00**	1958			0.00	**0.00**	1958			0.00
	2.00		0.00	**2.00**	1959			0.00	**0.00**	1959		6.00	4,137.00
			0.00	**0.00**	1960			0.00	**0.00**	1960		5.00	1,462.00
			0.00	**0.00**	1961			0.00	**0.00**	1961	1.00	1.00	1,402.00
			0.00	**0.00**	1962			0.00	**0.00**	1962			16.00
			0.00	**0.00**	1963			0.00	**0.00**	1963			0.00
			0.00	**0.00**	1964		27.00	59.00	**27.06**	1964			0.00
	4.00		0.00	**4.00**	1965			0.00	**0.00**	1965			0.00
	6.00	16,031.00	0.00	**16,037.00**		0.00	27.00	59.00	**27.06**		1.00	12.00	7,017.00
				16.037					**0.027**				
	6.0	16,031.0	0.0	**16,037.0**		0.0	27.0	59.0	**27.1**		1.0	12.0	7,017.0

		MINOR TIER 1 SITE					MINOR TIER 1 SITE					MINOR TIER 1 SIT	
		Materials Leasing Office Leases to Licensees Division of Licensing & Regulations					United Nuclear Corp Chem Division Oak Ridge					Kerr-McGee Oil Industi Oak Ridge	
Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Kg EU	Kg U subtotal	FY	Kg DU	Kg NU
0.00	1952			0.00	**0.00**	1952			0.00	**0.00**	1952		
0.00	1952			0.00	**0.00**	1952			0.00	**0.00**	1952		
0.00	1953			0.00	**0.00**	1953			0.00	**0.00**	1953		
0.00	1954			0.00	**0.00**	1954			0.00	**0.00**	1954		
0.00	1955			0.00	**0.00**	1955			0.00	**0.00**	1955		
0.00	1956			0.00	**0.00**	1956			0.00	**0.00**	1956		
0.00	1957			0.00	**0.00**	1957			0.00	**0.00**	1957		
0.00	1958		7,369.00	4,586.00	**7,373.59**	1958			0.00	**0.00**	1958		
10.14	1959		2,519.00	-4,586.00	**2,514.41**	1959			0.00	**0.00**	1959		
6.46	1960			0.00	**0.00**	1960			0.00	**0.00**	1960		
3.40	1961			0.00	**0.00**	1961			0.00	**0.00**	1961		
0.02	1962			0.00	**0.00**	1962			0.00	**0.00**	1962		
0.00	1963			2,194,696.00	**2,194.70**	1963			0.00	**0.00**	1963		
0.00	1964	6.00		0.00	**6.00**	1964		564.00	0.00	**564.00**	1964	2,273.00	
0.00	1965			0.00	**0.00**	1965			0.00	**0.00**	1965		
20.02		6.00	9,888.00	2,194,696.00	**12,088.70**		0.00	564.00	0.00	**564.00**		2,273.00	0.00
0.020					**12.089**					**0.564**			
20.0		6.0	9,888.0	2,194,696.0	**12,088.7**		0.0	564.0	0.0	**564.0**		2,273.0	0.0

TE			MINOR TIER 1 SITE					MINOR TIER 1 SITE					MINOR TIER 1 SIT	
trial			Brookhaven Nat Lab New York Operations					Vitro Manufacuring Co. New York Operations					Hanford Operations US Bureau of Mines Oregon Metallurgical	
Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU
0.00	**0.00**	1952		22.00	0.00	**22.00**	1952		284.00	0.00	**284.00**	1952		830.00
0.00	**0.00**	1952			313.00	**0.31**	1952		3,328.00	0.00	**3,328.00**	1952		1,637.00
0.00	**0.00**	1953		76.00	0.00	**76.00**	1953		1,629.00	0.00	**1,629.00**	1953		484.00
0.00	**0.00**	1954			0.00	**0.00**	1954		2.00	0.00	**2.00**	1954		
0.00	**0.00**	1955			0.00	**0.00**	1955			0.00	**0.00**	1955		
0.00	**0.00**	1956			0.00	**0.00**	1956			0.00	**0.00**	1956		
0.00	**0.00**	1957		229.00	0.00	**229.00**	1957			0.00	**0.00**	1957		
0.00	**0.00**	1958			0.00	**0.00**	1958			0.00	**0.00**	1958		
0.00	**0.00**	1959			0.00	**0.00**	1959			0.00	**0.00**	1959		
0.00	**0.00**	1960			0.00	**0.00**	1960			0.00	**0.00**	1960		8,326.00
0.00	**0.00**	1961			0.00	**0.00**	1961			0.00	**0.00**	1961		23,015.00
0.00	**0.00**	1962			0.00	**0.00**	1962			0.00	**0.00**	1962		
0.00	**0.00**	1963	4.00		0.00	**4.00**	1963			0.00	**0.00**	1963		
0.00	**2,273.00**	1964			0.00	**0.00**	1964			0.00	**0.00**	1964		
0.00	**0.00**	1965			0.00	**0.00**	1965			0.00	**0.00**	1965		
0.00	**2,273.00**		4.00	327.00	313.00	**331.31**		0.00	5,243.00	0.00	**5,243.00**		0.00	34,292.00
	2.273					**0.331**					**5.243**			
0.0	**2,273.0**		4.0	305.0	0.0	**309.0**		0.0	1,631.0	0.0	**1,631.0**		0.0	31,825.0

Appendix B: Table 3.3.2

TE

MINOR TIER 1 SITE

Division of Raw Materials
National Bureau of Standards

Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	OUT-OF-SCOPE IN-SCOPE DU	OUT-OF-SCOPE NU & EU IN-SCOPE NU & EU
0.00	**830.00**	1952			0.00	**0.00**	1952		
0.00	**1,637.00**	1952			0.00	**0.00**	1952		
0.00	**484.00**	1953			0.00	**0.00**	1953		
0.00	**0.00**	1954			0.00	**0.00**	1954		
0.00	**0.00**	1955		5	0.00	**5.00**	1955		
0.00	**0.00**	1956			0.00	**0.00**	1956		
0.00	**0.00**	1957			0.00	**0.00**	1957		
0.00	**0.00**	1958			0.00	**0.00**	1958		
0.00	**0.00**	1959			0.00	**0.00**	1959		
0.00	**8,326.00**	1960			0.00	**0.00**	1960		
0.00	**23,015.00**	1961			0.00	**0.00**	1961		
0.00	**0.00**	1962			0.00	**0.00**	1962		
18.00	**0.02**	1963			0.00	**0.00**	1963		
0.00	**0.00**	1964			0.00	**0.00**	1964		
0.00	**0.00**	1965			0.00	**0.00**	1965		
18.00	**34,292.02**		0.00	5.00	0.00	**5.00**		**68,282,597.44**	
	34.292					**0.005**		**68,282.597**	
18.0	**31,825.0**		0.0	5.0	0.0	**5.0**		**67,740,366.2**	

Appendix B: Table 3.3.3
FY 1966-70 Hanford Uranium Offsite Shipments

BASED ON HANFORD MBR REPORTS

							MINOR TIER 1 SITE					MINOR TIER 1 SITE					MAJOR TIE
							New Brunswick Lab Oak Ridge Ops FBE					New York Ops Office Babcox & Wilcox					National Lead of FVA, FVB, FVC Oak Ridge Ops
FY	Date From	Date To	RIS From	Shipped From Hanford Contractor	Box #	Doc #	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU
1966	01-Jul-65	30-Jun-66	HZA	General Electric	38213	HAN 95170	1		776	1.78	1966				0.00	1966	
1966	01-Jul-65	30-Jun-66	HWA	Isochem Inc.	38213	HAN 95136			1372	1.37	1966				0.00	1966	
				Hanford Chem Processing Contractor subtotals			*1.00*	*0.00*	*2,148.00*	*3.15*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*
1966	01-Jul-65	30-Jun-66	HXA	Douglas United Nuc	38214	HAN 95171				0.00	1966				0.00	1966	
				Hanford FY Aggregate subtotal			***1.00***	***0.00***	***2,148.00***	***3.15***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***
1967	01-Jul-66	31-Dec-66	HZA	General Electric	39213	HAN 96413				0.00	1967				0.00	1967	
1967	01-Jan-67	30-Jun-67	HZA	General Electric	39213	HAN 98198											
1967	01-Jul-66	31-Dec-67	HWA	Isochem Inc.	38213	HAN 96400			422	0.42							
1967	01-Jan-67	30-Jun-67	HWA	Isochem Inc.	38213	HAN 98196	0.5		645	1.15	1967				0.00	1967	
				Hanford Chem Processing Contractor subtotals			*0.50*	*0.00*	*1,067.00*	*1.57*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*
1967	01-Jul-66	31-Dec-66	HXA	Douglas United Nuc	38214	DUN 1916				0.00					0.00		
1967	01-Jan-67	30-Jun-67	HXA	Douglas United Nuc	38214	HAN 98194				0.00	1967				0.00	1967	
				Hanford FY Aggregate subtotal			***0.50***	***0.00***	***1,067.00***	***1.57***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***
1968	01-Jul-67	31-Dec-67	HVA	Atlantic Richfield Han	46425	HAN 99439			495	0.50	1968				0.00	1968	
1968	01-Jan-68	30-Jun-68	HVA	Atlantic Richfield Han	46425	ARH 699			472	0.47	1968				0.00	1968	
				Hanford Chem Processing Contractor subtotals			*0.00*	*0.00*	*967.00*	*0.97*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*
1968	01-Jul-67	31-Dec-67	HXA	Douglas United Nuc	38214	DUN 3624				0.00					0.00		
1968	01-Jan-68	30-Jun-68	HXA	Douglas United Nuc	38214	DUN 4436				0.00	1968				0.00	1968	
				Hanford FY Aggregate subtotal			***0.00***	***0.00***	***967.00***	***0.97***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***
1969	01-Jul-68	31-Dec-68	HVA	Atlantic Richfield Han	46425	ARH 1036			38	0.04	1969				0.00	1969	
1969	01-Jan-69	30-Jun-69	HVA	Atlantic Richfield Han	46425	ARH 1099-6			104	0.10	1969		361		361.00	1969	
				Hanford Chem Processing Contractor subtotals			*0.00*	*0.00*	*142.00*	*0.14*		*0.00*	*361.00*	*0.00*	*361.00*		*0.00*
1969	01-Jul-68	31-Dec-68	HXA	Douglas United Nuc	38214	DUN 5250				0.00					0.00		
1969	01-Jan-69	30-Jun-69	HXA	Douglas United Nuc	38214	DUN 5942				0.00	1969				0.00	1969	
				Hanford FY Aggregate subtotal			***0.00***	***0.00***	***142.00***	***0.14***		***0.00***	***361.00***	***0.00***	***361.00***		***0.00***
1970	01-Jul-69	31-Dec-69	HVA	Atlantic Richfield Han	46425	ARH 1099-12			125	0.13	1970				0.00	1970	
1970	01-Jan-70	30-Jun-70	HVA	Atlantic Richfield Han	46425	ARH 1540-6			220	0.22	1970				0.00	1970	467857
				Hanford Chem Processing Contractor subtotals			*0.00*	*0.00*	*345.00*	*0.35*		*0.00*	*0.00*	*0.00*	*0.00*		*467,857.00*
1970	01-Jul-69	31-Dec-69	HXA	Douglas United Nuc	38214	DUN 6557				0.00					0.00		8698
1970	01-Jan-70	30-Jun-70	HXA	Douglas United Nuc	38214	DUN 7049				0.00	1970				0.00	1970	
				Hanford FY Aggregate subtotal			***0.00***	***0.00***	***345.00***	***0.35***		***0.00***	***0.00***	***0.00***	***0.00***		***476,555.00***
				KG TOTAL: ALL U TYPES						**6.17**					**361.00**		
				MTU TOTAL: ALL U TYPES:						**0.01**					**0.36**		
				IN-SCOPE RECYCLE TOTAL: ALL U TYPES MTU						**0.01**					**0.36**		

ER 1 SITE				MAJOR TIER 1 SITE					MINOR TIER 1 SITE					MAJOR TIER 1 SITE		
f Ohio (NLO), Fernald, FEMP				Carbide & Carbon Chem Co. ORO Y-12 & K-25 GDP (CYT, FZB), (FZA, FZE,FZF)					Oak Ridge Natl Lab Oak Ridge Operations FZC					Union Carbide Co.-Paducah Paducah: Oak Ridge Operations FYA		
Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU
122166	895631472	1,017,797.47	1966				0.00	1966				0.00	1966			
	1128064845	1,128,064.85	1966				0.00	1966				0.00	1966			
122,166.00	*2,023,696,317.00*	*2,145,862.32*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*
82,398.00	14,038,206.00	96,436.21	1966		84		84.00	1966				0.00	1966			
204,564.00	***2,037,734,523.00***	***2,242,298.52***		***0.00***	***84.00***	***0.00***	***84.00***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***	***0.00***	***0.00***
2,454	56,738,050	59,192.05	1967				0.00	1967				0.00	1967			
1,413	117,584,456	118,997.46														
	550,001,735	550,001.74														
	735,171,140	735,171.14	1967				0.00	1967				0.00	1967	14,432,875.00		
3,867.00	*1,459,495,381*	*1,463,362.38*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*	*0.00*		*14,432,875.00*	*0.00*	*0.00*
32174	10,790,511	42,964.51					0.00					0.00				
40443	14,413,920	54,856.92	1967				0.00	1967				0.00	1967			
76,484.00	***1,484,699,812.00***	***1,561,183.81***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***	***0.00***	***0.00***	***0.00***		***14,432,875.00***	***0.00***	***0.00***
	552206881	552,206.88	1968				0.00	1968				0.00	1968			
	1001717324	1,001,717.32	1968				0.00	1968				0.00	1968			
0.00	*1,553,924,205.00*	*1,553,924.21*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*
58158	88359837	146,517.84					0.00					0.00				
26421	173,619,791	200,040.79	1968				0.00	1968				0.00	1968			
84,579.00	***1,815,903,833.00***	***1,900,482.83***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***	***0.00***	***0.00***
	835039056	835,039.06	1969				0.00	1969				0.00	1969			
	1034973841	1,034,973.84	1969				0.00	1969				0.00	1969	3,537,144.00		
0.00	*1,870,012,897.00*	*1,870,012.90*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*	*0.00*		*3,537,144.00*	*0.00*	*0.00*
46447	112,223,945	158,670.95					0.00					0.00				
27208	83,035,338	110,243.34	1969				0.00	1969				0.00	1969			
73,655.00	***2,065,272,180.00***	***2,138,927.18***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***	***0.00***	***0.00***	***0.00***		***3,537,144.00***	***0.00***	***0.00***
	1149060201	1,149,060.20	1970				0.00	1970				0.00	1970			
13	619946796	1,087,816.80	1970				0.00	1970				0.00	1970			
13.00	*1,769,006,997.00*	*2,236,877.00*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*
36661	130,535,155	175,894.16					0.00					0.00				
14541	49,369,234	63,910.23	1970				0.00	1970				0.00	1970			
51,215.00	***1,948,911,386.00***	***2,476,681.39***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***	***0.00***	***0.00***
		10,319,573.7					**84.00**					**0.00**				
		10,319.57					**0.08**					**0.00**				
		10,319.57					**0.08**					**0.00**				

		MINOR TIER 1 SITE					MINOR TIER 1 SITE					MINOR TIER 1 SITE					MINOR
		San Francisco Operations GE Nuclear Fuels Div. LAZ, LAE					Savannah River DZA DuPont SRS					Oak Ridge Ops Nuclear Fuel Services FAX					Materials L Oak Ridge
Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU
0.00	1966				0.00	1966				0.00	1966				0.00	1966	
0.00	1966				0.00	1966				0.00	1966				0.00	1966	
0.00		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*
0.00	1966				0.00	1966			29,610.00	29.61	1966			9,479.00	9.48	1966	
0.00		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***	***0.00***	***29,610.00***	***29.61***		***0.00***	***0.00***	***9,479.00***	***9.48***		***0.00***
0.00	1967				0.00	1967				0.00	1967				0.00	1967	
14,432,875.00	1967				0.00	1967				0.00	1967	84.00	126.00	224.00	210.22	1967	
14,432,875.00		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*	*0.00*		*84.00*	*126.00*	*224.00*	*210.22*		*0.00*
0.00				136	0.14					0.00				-358.00	-0.36		
0.00	1967				0.00	1967				0.00	1967				0.00	1967	
14,432,875.00		***0.00***	***0.00***	***136.00***	***0.14***		***0.00***	***0.00***	***0.00***	***0.00***		***84.00***	***126.00***	***-134.00***	***209.87***		***0.00***
0.00	1968				0.00	1968				0.00	1968				0.00	1968	
0.00	1968				0.00	1968				0.00	1968				0.00	1968	
0.00		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*
0.00					0.00					0.00					0.00		
0.00	1968				0.00	1968				0.00	1968				0.00	1968	
0.00		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***
0.00	1969				0.00	1969				0.00	1969				0.00	1969	
3,537,144.00	1969				0.00	1969				0.00	1969				0.00	1969	
3,537,144.00		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*
0.00				58	0.06					0.00					0.00		
0.00	1969				0.00	1969				0.00	1969				0.00	1969	
3,537,144.00		***0.00***	***0.00***	***58.00***	***0.06***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***
0.00	1970				0.00	1970				0.00	1970				0.00	1970	
0.00	1970				0.00	1970				0.00	1970				0.00	1970	
0.00		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*	*0.00*	*0.00*	*0.00*		*0.00*
0.00			9	152	9.15					0.00					0.00		
0.00	1970		7		7.00	1970				0.00	1970				0.00	1970	
0.00		***0.00***	***16.00***	***152.00***	***16.15***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***	***0.00***	***0.00***	***0.00***		***0.00***
17,970,019.00					**16.35**					**29.61**					**219.35**		
17,970.02					**0.02**					**0.03**					**0.22**		
17,970.02					**0.02**					**0.03**					**0.22**		

TIER 1 SITE				MINOR TIER 1 SITE					MINOR TIER 1 SITE					
[redacted]				[redacted]					[redacted]					
.easing Office : Headquarters				Chicago Operations Office Atomic International (CAE) Argonne Nat. Lab (CZA)					Savannah River Ops Nuclear Fuels Services (DAX, YDE) OUT-OF-SCOPE: IRRADIATED FUEL					
Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Kg DU	Kg NU	Gm EU	Kg U subtotal	FY	Annual Totals
		0.00	1966				0.00	1966	[redacted]					
		0.00	1966				0.00	1966						
0.00	0.00	0.00		0.00	0.00	0.00	0.00							
2,050.00		2,050.00	1966			160	0.16	1966						
2,050.00	**0.00**	**2,050.00**		**0.00**	**0.00**	**160.00**	**0.16**							**2,341,826.8**
		0.00	1967				0.00	1967						
		0.00	1967				0.00	1967						
0.00	0.00	0.00		0.00	0.00	0.00	0.00							
		0.00					0.00							
		0.00	1967				0.00	1967						
0.00	**0.00**	**0.00**		**0.00**	**0.00**	**0.00**	**0.00**							**16,053,101.2**
		0.00	1968				0.00	1968						
		0.00	1968				0.00	1968						
0.00	0.00	0.00		0.00	0.00	0.00	0.00							
		0.00					0.00							
	33.00	0.03	1968				0.00	1968						
0.00	**33.00**	**0.03**		**0.00**	**0.00**	**0.00**	**0.00**							**2,040,742.7**
		0.00	1969				0.00	1969						
		0.00	1969				0.00	1969						
0.00	0.00	0.00		0.00	0.00	0.00	0.00							
	46.00	0.05					0.00							
	8.00	0.01	1969				0.00	1969						
0.00	**54.00**	**0.05**		**0.00**	**0.00**	**0.00**	**0.00**							**5,731,129.1**
		0.00	1970				0.00	1970						
		0.00	1970				0.00	1970						
0.00	0.00	0.00		0.00	0.00	0.00	0.00							
	72.00	0.07					0.00							
	16.00	0.02	1970				0.00	1970						
0.00	**88.00**	**0.09**		**0.00**	**0.00**	**0.00**	**0.00**							**2,476,698.0**
		2,050.18					**0.16**							**28,643,497.8**
		2.05					**0.00**							**28,643.50**
		2.05					**0.00**							**28,292.36**

Appendix B: Table 3.3.4

Hanford Chemical Processing Contractor (HVA) Uranium Shipments FY 1971-March 31, 1999

Based on NMMSS Document RL2000-I-00002 SHIPMENTS (classified) ATLANTIC RICHFIELD HANFORD

	DU				EU	
FY	MAJOR TIER 1: To PADUCAH Kg DU CKY, FYA	MAJOR TIER 1: To FERNALD Kg DU FVA, FVB,FVC	MAJOR TIER 1: To OAK RIDGE Kg DU FZA,FZE,FZB,FZF	Total Kg DU To External From Hanford	MAJOR TIER 1: To PADUCAH Gm EU CKY, FYA	MAJOR TIER 1: To FERNALD Gm EU FVA, FVB,FVC
71	624,855	0	0	**1,206,462**	96,721,586	130,928
72	1,292,075	0	0	**1,292,201**	1,786,421,765	0
73	208,144	0	0	**208,144**	349,974,776	0
74	0	0	0	**1,017,222**	0	0
75	0	0	0	**4**	0	0
76	0	0	0	**0**	0	0
76T	0	0	0	**0**	0	0
77	0	0	0	**0**	0	0
AFTER FY 1977 - HVA CONTRACTOR TURNOVER TO ROCKWELL HANFORD (HRA)						
KG TOTAL	**2,125,074**	**0**	**0**	***3,724,033***	**2,233,118**	**131**
MTU TOTAL	**2,125.07**	**0.00**	**0.00**	***3,724.03***	**2,233.12**	**0.13**

Appendix B: Table 3.3.4

HVA

NU						
MAJOR TIER 1: To OAK RIDGE Gm EU FZA,FZE,FZB,FZF	Total Gm EU To External From Hanford	MAJOR TIER 1: To PADUCAH Kg NU CKY, FYA	MAJOR TIER 1: To FERNALD Kg NU FVA, FVB,FVC	MAJOR TIER 1: To OAK RIDGE Kg NU FZA,FZE,FZB,FZF	Total Kg NU To External From Hanford	Total
0	96,927,511	0	0	0	390	
0	1,786,423,319	0	0	0	0	
0	349,975,003	0	0	0	0	
0	0	0	0	0	63	
0	7	0	0	0	0	
0	1,924	0	0	0	0	
0	0	0	0	0	0	
0	1,187	0	222	0	224	
0	***2,233,329***	**0**	**222**	**0**	***677***	***5,958,039***
0.00	***2,233.33***	**0.00**	**0.22**	**0.00**	***0.68***	***5,958.04***

Hanford Chemical Processing Contractor (HRA) Uranium Shipments FY 1971-March 31, 1999

Based on NMMSS Document RL2000-I-00002 SHIPMENTS (classified) ROCKWELL HANFORD OPERATIONS (RHO

	DU				EU	
FY	MAJOR TIER 1: To PADUCAH Kg DU CKY, FYA	MAJOR TIER 1: To FERNALD Kg DU FVA, FVB,FVC	MAJOR TIER 1: To OAK RIDGE Kg DU FZA,FZE,FZB,FZF	Total Kg DU To External From Hanford	MAJOR TIER 1: To PADUCAH Gm EU CKY, FYA	MAJOR TIER 1: To FERNALD Gm EU FVA, FVB,FVC
71	PRIOR TO FY 1977 - HVA CONTRACTOR					
72						
73						
74						
75						
76						
77						
78	0	0	0	**29**	0	0
79	0	0	0	**258**	0	0
80	0	0	0	**640**	0	0
81	0	0	0	**40**	0	0
82	0	0	0	**167**	0	0
83	0	0	0	**0**	0	0
84	0	0	0	**0**	0	705,955,924
85	0	0	0	**0**	0	917,915,947
86	0	0	0	**0**	0	1,150,902,482
87	0	0	0	**0**	0	313,510,829
88	AFTER FY 1988 - HRA CONTRACTOR TURNOVER TO WESTINGHOUSE HANFORD (HUD)					
89						
90						
91						
92						
93						
94						
95						
96						
97						
98						
99						
KG TOTAL	**0**	**0**	**0**	***1,134***	**0**	**3,088,285**
MTU TOTAL	**0.00**	**0.00**	**0.00**	***1.13***	**0.00**	**3,088.29**

Appendix B: Table 3.3.5

HRA

NU						
MAJOR TIER 1: To OAK RIDGE Gm EU FZA,FZE,FZB,FZF	Total Gm EU To External From Hanford	MAJOR TIER 1: To PADUCAH Kg NU CKY, FYA	MAJOR TIER 1: To FERNALD Kg NU FVA, FVB,FVC	MAJOR TIER 1: To OAK RIDGE Kg NU FZA,FZE,FZB,FZF	Total Kg NU To External From Hanford	Total
0	242,491	0	0	0	0	
0	87,492	0	0	0	108	
0	63,032	0	0	0	609	
0	40,995	0	0	0	373	
0	162,333	0	0	0	543	
0	1,723,373	0	0	0	0	
0	716,519,454	0	4	0	5	
0	925,684,279	0	0	0	0	
0	1,159,704,192	0	0	0	0	
0	317,852,929	0	0	0	0	
0	3,122,081	0	4	0	1,638	3,124,853
0.00	3,122.08	0.00	0.00	0.00	1.64	3,124.85

Appendix B: Table 3.3.6

Hanford Chem. Processing Contrs (HUD & HTA) Uranium Shipments FY 1971-March 31, 1999

Based on NMMSS Document RL2000-I-00002 SHIPMENTS (classified) WESTINGHOUSE HANFORD (HUD) & FLUOR (HTA)

	DU				EU	
FY	MAJOR TIER 1: To PADUCAH Kg DU CKY, FYA	MAJOR TIER 1: To FERNALD Kg DU FVA, FVB,FVC	MAJOR TIER 1: To OAK RIDGE Kg DU FZA,FZE,FZB,FZF	Total Kg DU To External From Hanford	MAJOR TIER 1: To PADUCAH Gm EU CKY, FYA	MAJOR TIER 1: To FERNALD Gm EU FVA, FVB,FVC
71	PRIOR TO FY 1987 - HRA CONTRACTOR					
87	0	0	0	**0**	0	0
88	0	0	0	**4,792**	0	123,425,579
89	0	0	0	**0**	0	212,831
90	0	0	0	**0**	0	0
91	0	0	0	**0**	0	0
92	0	0	0	**1**	0	0
93	0	0	2,937	**2,943**	0	0
94	0	0	0	**138**	0	0
95	0	0	0	**0**	0	0
96	0	0	0	**102,463**	0	0
HUD UNTIL 97	0	0	0	**0**	0	0
HTA IN 97	0	0	0	**29,855**	0	0
98	0	0	0	**0**	0	0
99	0	0	0	**2**	0	0
KG TOTAL	**0**	**0**	**2,937**	**140,194**	**0**	**123,638**
MTU TOTAL	**0.00**	**0.00**	**2.94**	***140.19***	**0.00**	**123.64**

Appendix B: Table 3.3.6

HUD & HTA

NU						
MAJOR TIER 1: To OAK RIDGE Gm EU FZA,FZE,FZB,FZF	Total Gm EU To External From Hanford	MAJOR TIER 1: To PADUCAH Kg NU CKY, FYA	MAJOR TIER 1: To FERNALD Kg NU FVA, FVB,FVC	MAJOR TIER 1: To OAK RIDGE Kg NU FZA,FZE,FZB,FZF	Total Kg NU To External From Hanford	Total
0	2,071,199	0	0	0	0	
0	128,626,188	0	0	0	0	
0	3,081,999	0	0	0	77	
0	2,210,149	0	0	0	0	
3,276	274,769	0	0	0	0	
0	40,103	0	0	0	0	
0	246,036,417	0	0	0	0	
0	4,437,840	0	0	0	47	
0	16,597,765	0	0	0	61	
0	62,758,744	0	0	0	80,999	
0	0	0	0	0	0	
0	49,703	0	0	0	2	
0	3,349	0	0	0	0	
11,528	11,831	0	0	0	0	
15	466,200	0	0	0	81,186	*687,580*
0.01	*466.20*	0.00	0.00	0.00	*81.19*	*687.58*

Appendix B: Table 3.3.7

Hanford Reactor Contractor (HXA) Uranium Shipments FY 1971-March 31, 1999

Based on NMMSS Document RL2000-I-00002 Shipments (classified) UNITED NUCLEAR INC. (UNI)

	DU				EU	
FY	MAJOR TIER 1: To PADUCAH Kg DU CKY, FYA	MAJOR TIER 1: To FERNALD Kg DU FVA, FVB,FVC	MAJOR TIER 1: To OAK RIDGE Kg DU FZA,FZE,FZB,FZF	Total Kg DU To External From Hanford	MAJOR TIER 1: To PADUCAH Gm EU CKY, FYA	MAJOR TIER 1: To FERNALD Gm EU FVA, FVB,FVC
71	0	195	0	**2,807**	0	268,837,731
72	0	0	0	**2**	0	80,729,637
73	0	0	0	**0**	0	366,733,111
74	0	0	0	**0**	0	122,947,745
75	0	167	0	**167**	0	55,173,776
76	0	0	0	**0**	0	16,293,460
76T	0	0	0	**0**	0	1,531,320
77	0	0	0	**0**	0	121,614,441
78	0	0	0	**0**	0	92,030,675
79	0	0	0	**0**	0	56,744,559
80	0	0	0	**17**	0	56,647,925
81	0	0	0	**0**	0	91,358,407
82	0	0	0	**0**	0	77,508,844
83	0	0	0	**17**	0	159,046,418
84	0	0	0	**45**	0	236,609,566
85	0	0	0	**36**	0	170,342,951
86	0	0	0	**1**	0	158,122,879
87	0	5,075	0	**5,075**	0	54,070,469
AFTER FY 1987 - HXA CONTRACTOR TURNOVER TO WESTINGHOUSE						
KG TOTAL	**0**	**5,437**	**0**	***8,167***	**0**	**2,186,344**
MTU TOTAL	**0.00**	**5.44**	**0.00**	***8.17***	**0.00**	**2,186.34**

HXA

NU						
MAJOR TIER 1: To OAK RIDGE Gm EU FZA,FZE,FZB,FZF	Total Gm EU To External From Hanford	MAJOR TIER 1: To PADUCAH Kg NU CKY, FYA	MAJOR TIER 1: To FERNALD Kg NU FVA, FVB,FVC	MAJOR TIER 1: To OAK RIDGE Kg NU FZA,FZE,FZB,FZF	Total Kg NU To External From Hanford	Total
4,473	271,052,547	0	294,782	0	294,787	
0	80,818,881	0	32	0	35	
0	366,733,111	0	2	0	2	
0	124,128,581	0	1,079,051	0	1,079,051	
0	55,294,056	0	273	0	273	
0	16,376,285	0	9,570	0	9,576	
0	1,544,493	0	0	0	0	
0	121,673,126	0	25,132	0	25,132	
0	184,032,236	0	258	0	258	
0	56,801,590	0	4,831	0	4,831	
0	56,683,550	0	16	0	16	
0	106,767,550	0	0	0	0	
0	77,882,087	0	11	0	11	
0	159,578,973	0	0	0	0	
0	237,020,621	0	328	0	328	
0	170,618,638	0	4,760	0	4,774	
0	164,284,960	0	10,574	0	10,717	
0	54,302,961	0	1,716	0	1,716	
4	***2,305,594***	**0**	**1,431,336**	**0**	***1,431,507***	***3,745,268***
0.00	***2,305.59***	**0.00**	**1,431.34**	**0.00**	***1,431.51***	***3,745.27***

Pacific Northwest National Laboratory (PNNL) Offsite Uranium Shipments

Based on NMMSS Document SROO-00009 SHIPMENTS (classified)

FY	TO PADUCAH MT 20 Kg DU CKY,FYA	TO FERNALD MT 20 Kg DU FVA,FVB,FVC	TO OAK RIDGE MT 20 Kg DU FZA,FZE,FZB,FZF	DU Total Kg DU PNNL External (Excludes Hanford)	TO PADUCAH MT 20 Gm EU CKY,FYA	TO FERNALD MT 20 Gm EU FVA,FVB,FVC	TO OAK RIDGE MT 20 Gm EU FZA,FZE,FZB,FZF	EU Total Gm EU PNNL External (Excludes Hanford)
FY65 - FY 1970	0	2	0	3,029	0	5,350,361	1,108	5,612,875
71	0	7,608	1	7,761	0	3,347,630	515	3,491,460
72	0	4,490	0	5,349	0	5,689,782	172,707	7,089,438
73	0	0	0	477	0	1,700,676	760	1,705,331
74	0	0	66	1,467	0	4,040,965	1,850,671	5,998,886
75	0	0	4	2,290	0	6,852	0	1,127,615
76	0	0	0	2,246	0	1,383,773	0	1,613,160
76T	0	0	0	559	0	0	0	193
77	0	360	357	4,610	0	15,565	0	95,263
78	0	608	207	5,257	0	26,723	242	155,382
79	0	100	274	5,808	0	1,486	18,169	2,329,082
80	0	666	11	8,582	0	1,155,465	0	1,345,290
81	0	0	16	9,814	0	-951	0	103,413
82	0	210	0	16,872	0	7,784	0	115,112
83	0	114	1	4,409	0	973,544	100	1,004,581
84	0	11	4	1,761	0	0	0	57,779
85	0	0	30	1,807	0	0	0	39,407
86	0	0	0	3,389	0	0	45,472	63,501
87	0	0	0	1,535	0	0	0	17,206
88	0	0	16	16,645	0	382,173	0	385,442
89	0	0	26	15,291	0	0	0	29,659
90	0	0	0	10,544	0	0	0	49,472
91	0	0	0	16,422	0	0	0	22,540
92	0	0	0	12,531	0	0	0	5,169
93	0	0	5,570	6,164	0	0	0	6,267
94	0	0	0	12,630	0	0	0	0
95	0	0	0	2,570	0	0	0	145,118
96	0	0	0	0	0	0	0	1,743,425
97	0	0	0	0	0	0	0	95
98	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	6,718
KG TOTAL	0	14,169	6,583	179,819	0	24,082	2,090	34,359
MTU TOTAL	0	14.169	6.583	179.819	0	24.081828	2.089744	34.358879

TO PADUCAH MT 81 Kg NU CKY,FYA	TO FERNALD MT 81 Kg NU FVA,FVB,FVC	TO OAK RIDGE MT 81 Kg NU FZA,FZE,FZB,FZF	NU MT 81 External (Excludes Hanford)	ALL U Total Kg U External Shipments
0	4358	0	10109	18,751
0	1,467	0	1,675	12,927
0	3,918	0	6,518	18,956
0	-40	0	-7	2,175
0	10,288	0	10,296	17,762
0	3	0	20	3,438
0	160	0	936	4,795
0	0	0	10	569
0	0	0	5	4,710
0	0	0	29	5,441
0	0	0	1	8,138
0	0	0	1	9,928
0	0	0	2	9,919
0	0	0	93	17,080
0	0	0	1	5,415
0	0	0	0	1,819
0	0	0	0	1,846
0	0	0	1	3,454
0	0	0	0	1,552
0	0	0	0	17,030
0	0	0	4	15,325
0	0	0	2	10,595
0	0	0	7	16,452
0	0	0	0	12,536
0	0	0	43	6,213
0	0	0	0	12,630
0	0	0	0	2,715
0	0	0	3	1,746
0	0	0	0	0
0	0	0	0	0
0	0	0	0	7
0	20,154	0	29,749	243,927
0	20.154	0	29.749	243.93

APPENDIX B
Section 3 Supplemental Information

References

Burge 1965 (classified)
HAN-92119, Burge, GE, to U.S. AEC Richland, *Source and Special Nuclear Materials Balance Reports*, July 15, 1965

Byland 1963 (classified)
HAN-85615, J. N. Byland, GE, to U.S. AEC Richland, *Source and Special Nuclear Materials Balance Reports*, July 16, 1963

Byland 1964
HAN-88957, J. N. Byland, GE, to U.S. AEC Richland, *Source and Special Nuclear Materials Balance Reports*, July 17, 1964

Donihee 1949
HW-15-701, V. D. Donihee, GE, to U.S. AEC Richland, *Source and Fissionable Materials Inventory*, January 7, 1949

Donihee 1949a
FTS-668, V. D. Donihee, GE, to U.S. AEC Richland, *Source and Fissionable Materials Inventory*, July 8, 1949

Donihee 1951
FTS-670-DEL, V. D. Donihee, GE, to U.S. AEC Richland, *Source and Fissionable Materials Inventory*, January 10, 1951

Donihee 1951a
FTS-845-DEL, V. D. Donihee, GE, to U.S. AEC Richland, *Source and Fissionable Materials Inventory*, July 11, 1951

Donihee 1952
FTS-953-DEL, V. D. Donihee, GE, to U.S. AEC Richland, *Source and Fissionable Materials Inventory*, July 16, 1952

Donihee 1953
FTS-1085-DEL, V. D. Donihee, GE, to U.S. AEC Richland, *Source and Fissionable Materials Balance Report*, July 15, 1953

Donihee 1954 (classified)
FTS-1311, V. D. Donihee, GE, to U.S. AEC Richland, *Source and Fissionable Materials Inventory*, July 15, 1954

Donihee 1957
FTS-1980-DEL, V. D. Donihee, GE, to U.S. AEC Richland, *Source and Fissionable Materials Inventory*, July 17, 1957

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Donihee 1958
FTS-CLVI-463-DEL, V. D. Donihee, GE, to U.S. AEC Richland, *Source and Special Nuclear Materials Balance Reports*, July 16, 1958

Donihee 1959
HAN-72720-DEL, V. D. Donihee, GE, to U.S. AEC Richland, *Source and Special Nuclear Materials Balance Reports*, July 16, 1959

Donihee 1960
HAN-75996-DEL, V. D. Donihee, GE, to U.S. AEC Richland, *Source and Special Nuclear Materials Balance Reports*, July 18, 1960

Donihee 1961
HAN-79125-DEL, V. D. Donihee, GE, to U.S. AEC Richland, *Source and Special Nuclear Materials Balance Reports*, July 19, 1961

Donihee 1962
HAN-82406-DEL, V. D. Donihee, GE, to U.S. AEC Richland, *Source and Special Nuclear Materials Balance Reports*, July 17, 1962

Handshuh 1966
HAN-95170-DEL, J. W. Handshuh, GE, to U.S. AEC Richland, *Nuclear Materials Balance Report, June 1966*, July 18, 1966

Handshuh 1966a
HAN-96413-DEL, J. W. Handshuh, GE, to U.S. AEC Richland, *Nuclear Materials Balance Report*, December 31, 1966

Handshuh 1967
HAN-98198, J. W. Handshuh, GE, to U.S. AEC Richland, *Nuclear Materials Balance Report, June 1967*, June, 1967

Murphy 1966
HAN-95136-DEL, J.G. Murphy, Isochem, to U.S. AEC Richland, *Material Balance Report-June 1966*, July 14, 1966

Murphy 1966a
HAN-96400-DEL, J.G. Murphy, Isochem, to U.S. AEC Richland, *Material Balance Report-December 1966*, January 13, 1967

Murphy 1967
HAN-98196, J. G. Murphy, Isochem, to U.S. AEC Richland, *Material Balance Report-June 1967*, July 17, 1967

Murphy 1968
HAN-99439-DEL, J. G. Murphy, Atlantic Richfield Hanford Company, to U.S. AEC Richland, *Material Balance Report-December 1967,* January 15, 1968

Murphy 1968a
ARH-699-DEL, J. G. Murphy, Atlantic Richfield Hanford Company, to U.S. AEC Richland, *Material Balance Report-June 1968,* July 12, 1968

Murphy 1969
ARH-1036-DEL, J. G. Murphy, Atlantic Richfield Hanford Company, to U.S. AEC Richland, *Material Balance Report-December 1968,* January 15, 1969

Murphy 1969a
ARH-1099-6-DEL, J. G. Murphy, Atlantic Richfield Hanford Company, to U.S. AEC Richland, *HVA Material Balance Report-June 1969,* July 10, 1969

Murphy 1970
ARH-1099-12-DEL, J. G. Murphy, Atlantic Richfield Hanford Company, to U.S. AEC Richland, *HVA Material Balance Report-December 1969,* January 12, 1970

Murphy 1970a
ARH-1540-6-DEL, J. G. Murphy, Atlantic Richfield Hanford Company, to U.S. AEC Richland, *Material Balance Report-June 1970,* July 13, 1970

Prudich 1966
HAN-95171-DEL, T. Prudich, Douglas United Nuclear, to U.S. AEC Richland, *Material Balance Report-June 1966*, July 14, 1966

Prudich 1967
DUN-1916 (HAN-96419), T. Prudich, Douglas United Nuclear, to U.S. AEC Richland, *Material Balance Report-December 1966*, January 16, 1967

Prudich 1967a
HAN-98194-DEL, T. Prudich, Douglas United Nuclear, to U.S. AEC Richland, *Material Balance Report-June 1967*, July 12, 1967

Prudich 1968 (classified)
DUN-3624 (HAN-99434), T. Prudich, Douglas United Nuclear, to U.S. AEC Richland, *Material Balance Report-December 1967*, January 11, 1968

Prudich 1968a
DUN-4436, T. Prudich, Douglas United Nuclear, to U.S. AEC Richland, *Material Balance Report-June 1968*, July 12, 1968

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Prudich 1968b
DUN-5250, T. Prudich, Douglas United Nuclear, to U.S. AEC Richland, *Material Balance Report-December 1968*, January 15, 1969

Prudich 1969
DUN-5942-DEL, T. Prudich, Douglas United Nuclear, to U.S. AEC Richland, *Material Balance Report-June 1969*, June 30, 1969

Prudich 1969a
DUN-6557, T. Prudich, Douglas United Nuclear, to U.S. AEC Richland, *Material Balance Report-December 1969*, December 31, 1969

Prudich 1970
DUN-7049, T. Prudich, Douglas United Nuclear, to U.S. AEC Richland, *Material Balance Report-June* 1970, June 30, 1970

Shortess 1955
FTS-1481-DEL, C. J. Shortess, GE, to U.S. AEC Richland, *Source and Special Nuclear Materials Balance Reports*, July 19, 1955

Shortess 1956
FTS-1644-DEL, C. J. Shortess, GE, to U.S. AEC Richland, *Source and Special Nuclear Materials Balance Report*, July 18, 1956