

#6

DATA ON PLUTONIUM RESULTS FROM URINE SAMPLES COLLECTED IN THE MARSHALLESE

R

407571

These samples were collected on March 24 and 25, 1954 and the results are appended. The counting times were limited to 80 minutes because of apparatus difficulties and the standard deviations are therefore higher than the laboratory would report.

100-200 ml portions were run according to the current procedure in use at Los Alamos. Zero values have a standard deviation of  $\pm 2$  d/m/l. All other standard deviations are indicated with the results.

BEST COPY AVAILABLE

STATUS VERIFIED UNCLASSIFIED	
	BN
AUTHORIZED DERIVATIVE CLASSIFIER	5/7/97 DATE

DECLASSIFIED  
RESTRICTED DATA

~~RESTRICTED DATA~~

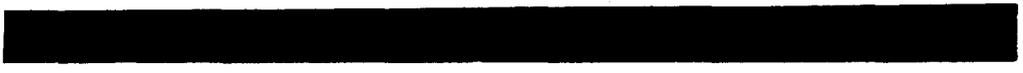
<del>Consent Group</del>	Patients No.	Urine 3-24	Volume 3-25
	33	70	210
	34	685	895
	35	250	155
	36	0	135
	37	550	385
	38	0	0
	39	175	0
	40	700	650
	42	0	0
	46	0	205
	47	975	540
	49	980	130
	52	0	285
	54	0	0
	55	400	720
	56	0	595
	57	360	830
	58	665	640
	60	900	150
	61	250	480
	62	560	755
	63	840	420
	64	685	550
	65	0	0
	66	785	950
	67	500	0
	68	940	970

DECLASSIFIED

~~SECRET~~

001007

~~RESTRICTED DATA~~



~~SECRET~~

PRIVACY ACT MATERIAL REMOVED

~~Restricted~~

DATA

Patients No.

Urine  
3-24

Volume  
3-25

69	160	0
71	225	210
72	0	265
73	450	0
74	380	630
75	300	0
76	980	470
77	0	965
78	640	340
79	915	480
80	690	560
82	0	205

~~SECRET~~  
001007

~~RESTRICTED DATA~~

~~SECRET~~

Alliance Group

Patients No.

Urine  
3-24

Volume  
3-25

DATA	Urine 3-24	Volume 3-25
1	965	670
6	0	0
8	0	0
16	955	800
28	810	785
29	565	845
31	0	425
41	950	985
43	720	775
44	0	90
45	880	935
78	0	0
50	765	770
51	320	230
51	530	105
59	800	430
70	0	750
81	815	450

~~SECRET~~

001007

RESTRICTED DATA

**SECRET**  
**MARSHALLESE URINE SAMPLES**

-PRIVACY ACT MATERIAL REMOVED

**PLUTONIUM RESULTS (d/m/1)**

<u>NAME</u>	<u>#</u>	<u>3/24/54</u>	<u>3/25/54</u>
	1	1.0 ± 2.0	0
	4	0	X
	12	0	1.0 ± 2.0
	11	0	0
	7	0	0
	13	X	0
	9	1.0 ± 2.0	0
	10	0	1.0 ± 2.0
	16	0	0
	14	4.0 ± 2.5	0
	18	X	5.0 ± 4.5
	19	0	X
	20	X	0
	22	7.0 ± 2.5	0
	25	0	X
	26	1.0 ± 2.0	0
	28	0	0
	27	X	0
	29	1.0 ± 2.0	0
	30	X	0
	31	X	3.0 ± 2.5
	32	X	X
	33	X	2.0 ± 4.0
	34	0	0
	35	0	
	36	X	X
	37	0	0
	39	X	X
	40	0	0
	41	1.0 ± 2.0	12 ± 3
	43	0	0
	44	X	X
	45	0	0
	46	X	0

DECLASSIFIED

PRIVACY ACT MATERIAL REMOVED

NAME

#

3/24/54

3/25/54

47	0	0
49	17 ± 3	X
50	1.0 ± 2.0	100 ± 8
55	0	0
51	8.0 ± 2.5	0
52	X	0
53	3.5 ± 2.5	X
58	3.0 ± 2.5	0
57	X	0
56	X	0
59	0	0
60	4.5 ± 2.5	X
61	0	0
62	0	0
63	0	2.5 ± 2.0
64	2.0 ± 2.0	1.0 ± 2.0
66	0	7.0 ± 2.5
67	0	
68	3.0 ± 2.5	1.0 ± 2.0
59	1.5 ± 2.5	X
70	X	7.5 ± 2.5
72	X	0
71	0	0
73	1.0 ± 2.0	X
74	X	0
75	0	X
76	0	0
77	X	2.5 ± 2.0
78	0	0
79	0	0
80	2.5 ± 2.0	0
81	6.0 ± 2.5	0
82	X	1.0 ± 2.0
	0	

X = indicates insufficient sample or sample not received

TESTED