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401808  
25000

4 April 1954

Mr. Merril Eisenbud  
New York Operations Office  
U. S. Atomic Energy Commission  
P. O. Box 30  
Ansonia Station  
New York 23, N. Y.

BEST COPY AVAILABLE

Dear Mr Eisenbud:

Two 24 hour urine collections were made for analysis at the NYOO Laboratory. The first collection was completed and shipped on 24 March. The second collection was made completed on 25 March and shipment was made on 29 March.

The identification mark on each urine bottle consists of the patient's name, the date of collection, and the patient's clinical number. ( For example: 316-45 indicates the 24 hour collection was begun on 15 march and terminated on 16 march for patient number 45.)

The accompanying tablets contain the total urine volumes collected on 24 and 25 march.

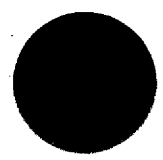
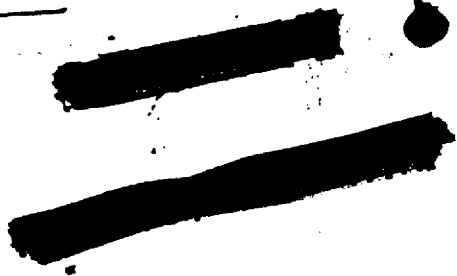
Previous dispatch on dates of collection was accidentally in error.

The urine has been collected, acidified, packaged, and shipped to all interested laboratories, ( U S N R D L and Los Alamos ) by Lt. W. H Chapman (MSC) USN and Lt(jg) R. Sharp (MSC)USN. I am confident that all urine was handled in an identical manner and that interlaboratory comparisons should be reasonable and would give different times to evaluate excretion rates.

Chickens shipped to NRDL have shown highly significant internal deposition as shown by radiatographs. Preliminary report on urine from Los Alamos indicates present of plutonium.

It would be appreciated if studies were made on excretion of bones seekers and if this project, through CJTF-7, could be regularly informed of status on urine analysis so we can logically plan subsequent studies on fission products and long term follow up studies of exposed personnel.

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
Determination (Circle Number(s))	
1. CLASSIFICATION CHANGED TO:	
2. CLASSIFICATION CHANGED TO:	
3. CONTAINS NO DOE CLASSIFIED INFO	
4. COORDINATE WITH:	
5. CLASSIFICATION CANCELLED	
6. CLASSIFIED INFO BRACKETED	
SINGLE REVIEW AUTHORIZED BY:	
6A-5125/11-3/21/94	
REVIEWER (ADD):	1/3A
NAME:	4/4/94
DATE:	



4 of 6  
MILITARY RESEARCH & APPL. D. C.

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5012073

Sincerely  
Eugene P. Cronkite  
MILITARY RESEARCH & APPL.  
001007  
~~RESTRICTED~~  
DATA

~~CONFIDENTIAL~~

PRIVACY ACT MATERIAL REMOVED

~~RECEIVED~~  
Ronsel Group DATA  
Patients Name

Patients No.

Urine  
3-2+

Volume  
3-25

Patients No.	Urine 3-2+	Volume 3-25
2	0	0
3	0	0
4	465	0
5	0	0
7	760	835
9	930	305
10	930	920
11	960	940
12	815	625
13	0	940
14	900	980
15	0	0
17	0	0
18	70	230
19	100	0
20	0	230
21	0	0
22	950	330
23	0	0
24	0	0
25	440	0
26	520	[REDACTED]
27	0	001067 380
30	0	[REDACTED] 920 DATA
32	0	95

Access #  
306-78  
Box B  
File=NMB-B

PRIVACY ACT MATERIAL REMOVED

~~Rongelap Group~~

~~DATA~~

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	[REDACTED]
66	785	950
67	500	[REDACTED]
68	940	970

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~~Rongelap Group DATA~~

RES...

<u>Patients No.</u>	<u>Urine 3-24</u>	<u>Volume 3-25</u>
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

PRIVACY ACT MATERIAL REMOVED

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~~RESTRICTED DATA~~

Alignment Group	Patients No.	Drugs 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
	53	530	105
	59	800	430
	70	0	750
	81	815	450

RESTRICTED DATA

UNIVERSITY OF ALABAMA

DEPARTMENT OF BIOLOGY & PHYSICS

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