UNIVERSITY OF CALIFORNIA

To Mike

Date 7/23 Time 4:00 A.M. P.M.

WHILE YOU WERE OUT

Mr.
Mrs. Alex MacFarlane
Miss
From

☑ Telephoned ☐ Will phone again ☐ Please phone
☐ Came to see you ☐ Will come again ☐ Rush

MESSAGE

TWA 7/20 11:00 am our time dirty harbor

Phone party at

Taken by Ed

Bill Slip—801m-10,'55 (B5324s16)22

7/9/56

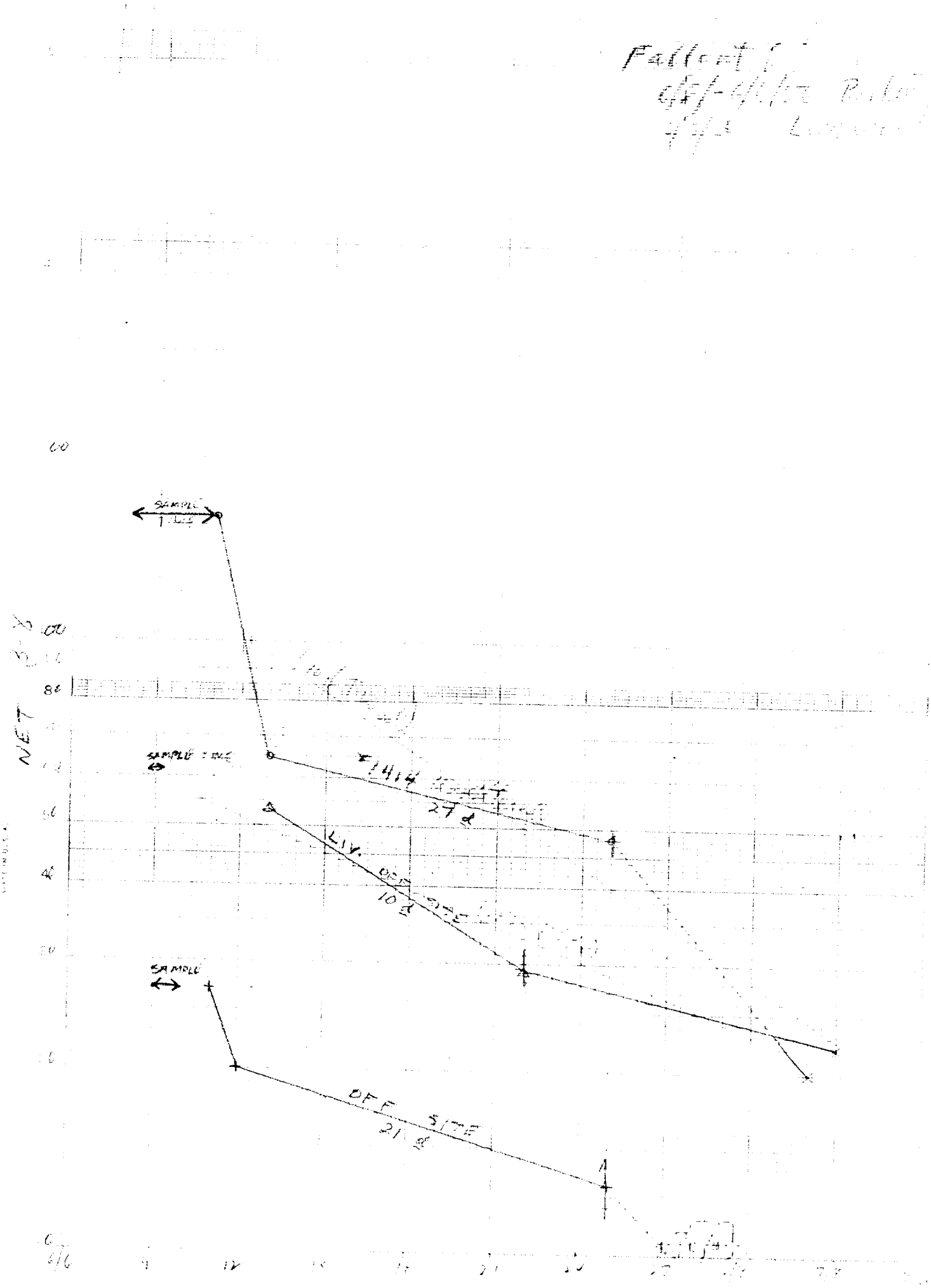
402551

DB McFos says:
Bang 7/8/56
Bikini 1PM our time

also July 2 here
June 26 ✓

R

maybe another today or tomorrow! (9th-10th)


SAMPLE TIME
SAMPLE TIME
SAMPLE
OFF SITE
27 d
10 d
21 d
NET

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183A SITE F

RATE 4 CFM

	TIME	DATE
ON	0732	6/8
OFF	0850	6/11

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND	0950	6/11	1
SAMPLE	1003	6/11	125
SURVEY	0850	6/11	350

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND	0940	6/11	26
SAMPLE	0953	6/11	92
SURVEY	0850	6/11	0.01[illegible]

RL-429

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183A SITE U

RATE 4 CFM

	TIME	DATE
ON	0732	6/8
OFF	0850	6/11

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND	0955	6/11	1
SAMPLE	1000	6/11	218
SURVEY	0850	6/11	500

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND	0940	6/11	26
SAMPLE	0952	6/11	187
SURVEY	0850	6/11	0.01[illegible]

RL-429

AIR SAMPLING FOR RADIOACTIVITY 1414

BLDG. 70 ROOM 183A SITE U

RATE CFM

	TIME	DATE
ON	0732	6-8
OFF	0850	6-11

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE			

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND	0950	6-25	20
SAMPLE	1030	6-25	68

RL-429

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183A SITE AIR INTAKE

RATE 4 CFM HC set 1414

	TIME	DATE
ON	0732	6-8-52
OFF	0850	6-11-52

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND	/		
SAMPLE	0920	6/13 1414 U-	6
	0928	6/13 1414 F-	5

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND	24		
SAMPLE	0928	6/13 1414 U-	89
	0937	6/13 1414 F-	36

RL-429

F: 127 - [illegible]
[illegible]

U 215 - 220
0955 1000

6th

F: 89 - 95
0950 0955

6th

3502-3567-3566-3481
-9-30-26-28-24-19

U: 186 - 189
0949 0952

6th

U - 9-7-6-4-5-5

F - 4-3-6-5-5-4

6th

U - 89-80-98-97-83-87

F - 41-25-35-39-37-36

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183A SITE 1

RATE _____ CFM

	TIME	DATE
ON	0732	6-8
OFF	0745	6-12

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND	0900	7-2	
SAMPLE			

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND			26
SAMPLE O_2			88

L-429

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183A SITE _____

RATE _____ CFM

	TIME	DATE
ON	0732	6-8
OFF	0745	6-12

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND	0900	7-2	
SAMPLE U			
F			
~~U_2~~			

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND			26
SAMPLE U			46
F			38
~~U_2~~			

RL-429

AIR SAMPLING FOR RADIOACTIVITY

BLDG. Off Site ROOM _____ SITE _____

RATE 4 CFM

	TIME	DATE
ON	0800	6-9-56
OFF	0930	6-10-56

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND	/		
SAMPLE	1420	6/12	13

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND	22		
SAMPLE	1432	6/12	42

RL-429

AIR SAMPLING FOR RADIOACTIVITY

BLDG. _____ ROOM _____ SITE OFF SITE

RATE _____ CFM

	TIME	DATE
ON	0530	6/4
OFF	0930	6/10

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND	0950	6/11	1
SAMPLE	1039	6/11	57

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND	0940	6/11	26
SAMPLE	1025	6/11	53

RL-429

AIR SAMPLING FOR RADIOACTIVITY

BLDG. _____ ROOM OFF SITE

RATE _____ CFM

	TIME	DATE
ON	0800	6-9
OFF	0930	6-10

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE			

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND	0900	6-2	26
SAMPLE			27

RL-429

AIR SAMPLING FOR RADIOACTIVITY

BLDG. OFF SITE ROOM _____ SITE _____

RATE _____ CFM

	TIME	DATE
ON	0800	6-9
OFF	0930	6-10

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE			

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND	0950	6-25-56	20
SAMPLE	1020	6-25	33

RL-429

α
C

Con 1 - 11-12-7-12-14-19

+2/3
C) 75
6
15
12

57 - 62

β
C

Con 1 - 49-46-31-44-45-34

42
C) 73
24
13

C

54 - 51

5/28

2 shots 11AM + 1 PM
our time Sunday 27th
says D.B.

Lawrence off site (NDB's house)
air sample

on 6/9/56 0900

" " 2100

* 1st count 6/13

			Sample
* 6/13 count	Bkg	2α	net 3 α
	"	24 β γ	net 57 β-γ
* 6/22 count	Bkg	3α	net 0 α
	"	26 β γ	net 29 β-γ

* 7/3/56 net 22 c/m @ 1500 hrs

* per phone from Pfenning 6/22/56, 1630.
** per phone from Lawrence 7/5/56 0900

from D.B.
Shot Wed 30th 5/31/56
at 11 AM our time

Lab air counts 5/11/56

	4									
α	0	3	5	0	0	3	4	15		1
β 8	3	4	10	5	9	0	1	4	67	0

not c/m DB McF garage

51-63 hrs

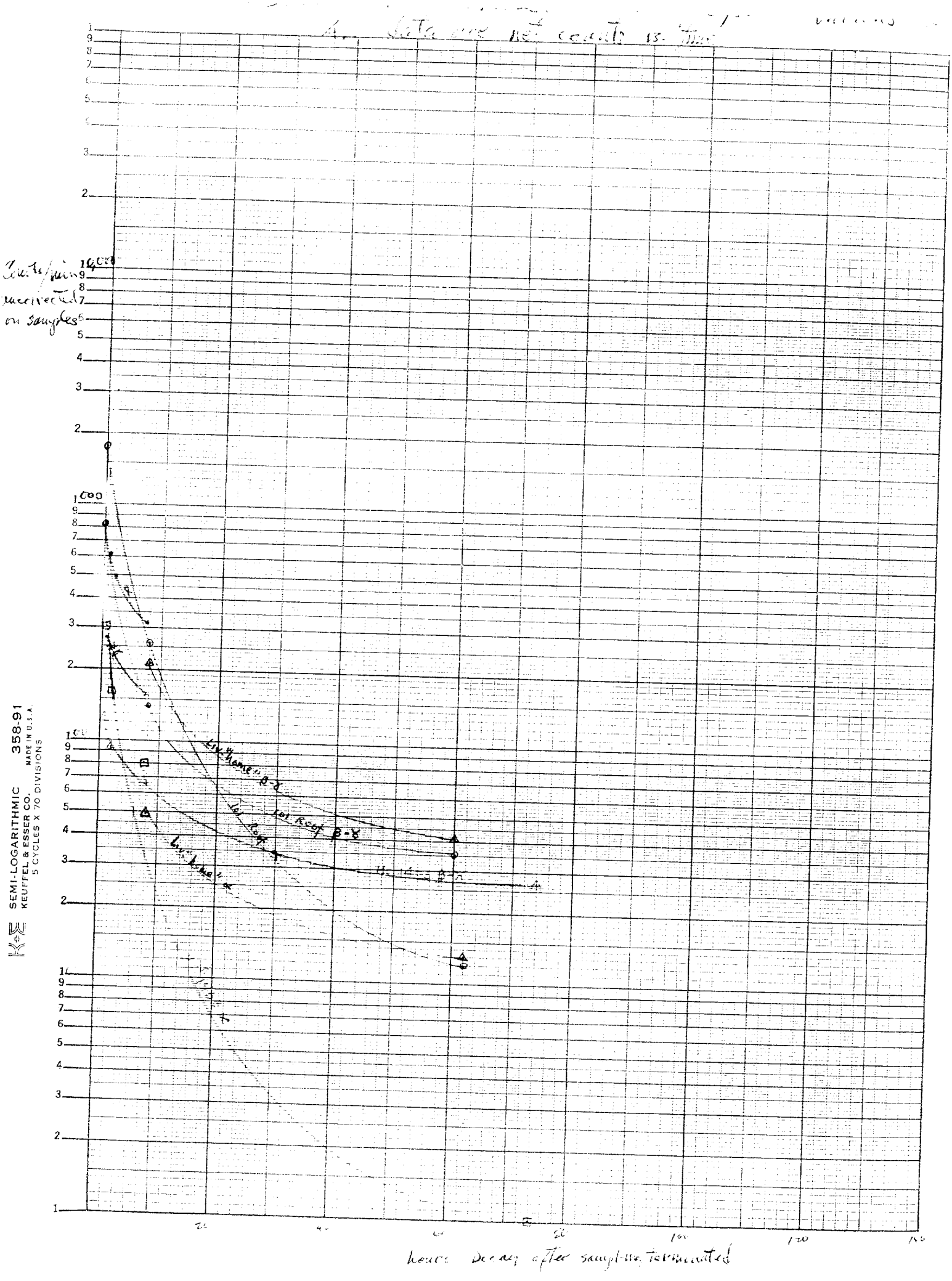
0800 8th

could not confirm above on Berkeley samples so notified DB + Dorothy

5/28/56

DB, 4000 air counts on pollens

sample 0800-0800 5/24-5/25/56	site		
	counts (net)	time decay	α	β-γ
	4 hr		176	824
	8 hr		261	110
	62 hr		12	35
-do- home				
	8 hr		49	211
	62 hr		13	41
0800-2000 5/25-5/25				
	58 hr		3	14


Counts/min corrected on samples
Lutetium β-γ
Lu-Lost
Lu-Lost β-γ
Lutetium α
hours Decay after sampling terminated
SEMI-LOGARITHMIC 358-91
KEUFFEL & ESSER CO.
MADE IN U.S.A.
5 CYCLES X 70 DIVISIONS

AIR SAMPLING FOR RADIOACTIVITY

BLDG. [illegible] ROOM [illegible] SITE

RATE CFM

	TIME	DATE
ON	1420	5-26-56
OFF	1100	5-27-56

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE	0835	5/28	81

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE	0838	5/28	59

RL-429

AIR SAMPLING FOR RADIOACTIVITY

BLDG. [illegible] ROOM [illegible] SITE

RATE CFM

	TIME	DATE
ON	0745	5-25-56
OFF	1420	5-26-56

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE	0840	5/28	17

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE	0845	5/28	40

RL-429

AIR SAMPLING FOR RADIOACTIVITY

BLDG. [illegible] ROOM [illegible] SITE

RATE 4 CFM

	TIME	DATE
ON	1100	5-27-57
OFF	0800	5-28-57

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE	0825	5/28	395

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE	0829	5/28	171

RL-429

α
C

1st — 81
2 — 80

α
C

1st — 18
2 — 11
3 — 21
3√150
17

β γ
C

1st — 52
2 — 66
3√116
19

β γ
C

1st — 38
2 — 41
4√79
39
40

α
C

1st — 399
2 — 391
3√790
395

β γ
C

1st — 170
2 — 172
3√342
171

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183b SITE AIR INTAKE

RATE 4 CFM HC 2.6 1404

	TIME	DATE
ON	0740	5-25-52
OFF	0732	5-28-52

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE	0803	5/28 1404	U – 235
	0805	5/28 1404	F – 153
	0807	5/28 1404	U2 – 233

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE	0815	5/28 1404	U – 154
	0818	5/28 1404	F – 104
	0821	5/28 1404	U2 – 145

RL-429

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183b SITE AIR INTAKE

RATE 4 CFM HC 2.6 1404

	TIME	DATE
ON	0740	5-25-52
OFF	0732	5-28-52

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND 1			
SAMPLE	1000	5/28 1404	U – 94
	1009	5/28 1404	U2 – 96

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND 22			
SAMPLE	1006	5/28 1404	U – 115
	1013	5/28 1404	U2 – 109

RL-429

α
C

U-251-219
F-162-144
U2 232-233
~~Std~~
~~Std~~

α
C

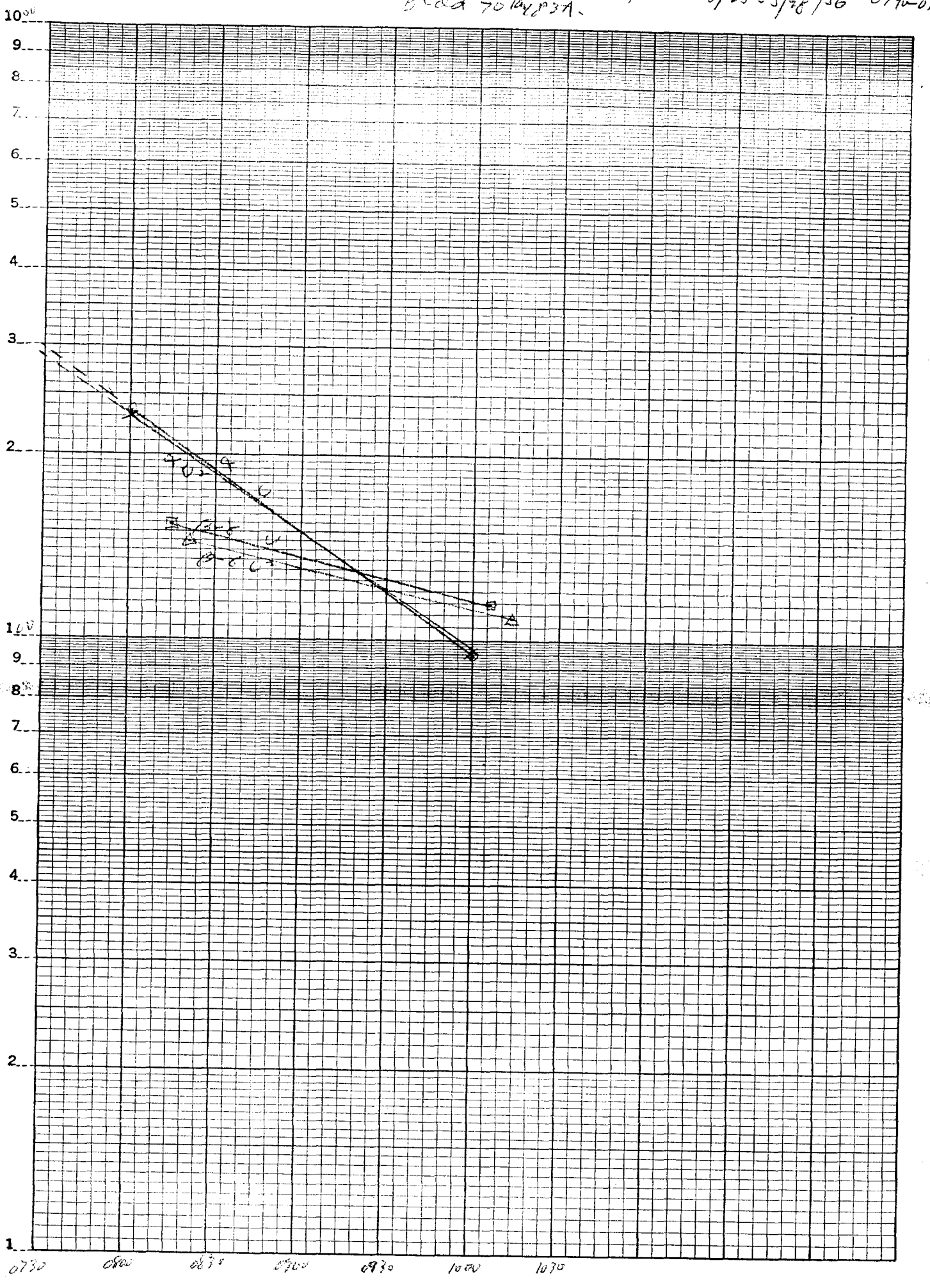
U-103-79-99
~~F~~
U2-95-97

5r
C

U-145-162
F-110-98
U2-133-156
~~Std~~
~~Std~~

15r
C

U-113-114
~~F~~
U2-118-100



KEUFFEL & ESSER CO., N. Y. NO. 359-60
Semi-Logarithmic, 2 Cycles X 60 divisions.
MADE IN U.S.A.

AIR SAMPLING FOR RADIOACTIVITY

LDG. 5/1 ROOM SITE

ATE 4 CFM

	TIME	DATE
ON	0800	5-24-52
OFF	0745	5-25-52

ALPHA COUNT

	TIME	DATE	C/M
ACKGROUND /			
AMPLE	1515	5/25	312

BETA-GAMMA COUNT

	TIME	DATE	C/M
ACKGROUND 24			
AMPLE	1521	5/25	156

sample given to S. Thompson for possible analysis (over)

29

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 5/1 ROOM SITE

RATE 6 CFM

	TIME	DATE
ON	0800	5-24-52
OFF	0745	5-25-52

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE	0841	5/25	614
	4936	094	

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE	0844	5/25	274
	0926	5/25	229

RL-429

α
C

1st Cond — 303
2 " — 321
1124
312

α
C

1st Cond — 609
2 " — 618
1227
614

βr
C

1st Cond — 134
2 " — 177
311
156

βr
C

1st Cond — 283
2 " — 264
547
274

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183 A SITE AIR INTAKE

RATE 4 CFM HC 1403

	TIME	DATE
ON	0730	5-24-56
OFF	0740	5-25-56

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE	0939	5/25 '1403 U	151
	0925	5/25 '1403 U2	172

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE	0943	5/25 '1403 U	110
	0931	5/25 '1403 U2	121

429

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183 A SITE AIR INTAKE

RATE 4 CFM HC 1403

	TIME	DATE
ON	0730	5-24-56
OFF	0740	5-25-56

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE	0818	5/25 '1403 U	301
	0820	5/25 '1403 F	225
	0822	5/25 '1403 U2	302 (172 @ 0925)

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND			
SAMPLE	0829	5/25 '1403 U	137
	0832	5/25 1403 F	108
	0835	5/25 '1403 U2	156 (121 @ 0931)

RL-429

α
C

U - 142 - 159
I
U2 - 166 - 178

βγ
C

U - 118 - 102
F -
U2 - 115 - 131

α
C

U - 351 - 291
F - 236 - 213
U2 - 305 - 299
Std
Bl, I -

βγ
C

U - 134 - 139
F - 115 - 101
U2 - 134 - 178
Std -
Bl, I -

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183 A SITE AIR INTAKE

RATE 4 CFM HCset 1403

	TIME	DATE
ON	0730	5-24-56
OFF	0740	5-25-56

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND /			
SAMPLE	1505	5/25 1403 U-	72
	1509	5/25 1403 U2-	89

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND 24			
SAMPLE	1509	5/25 1403 U-	72
	1514	5/25 1403 U2-	83

RL-429

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183 A SITE

RATE 4 CFM HCset 1403

	TIME	DATE
ON	0730	5-24-56
OFF	0740	5-25-56

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND /			
SAMPLE	0931	5/25 1403 U-	2
	0940	5/25 1403 F-	2
	0949	5/25 1403 U2-	2

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND 22			
SAMPLE	0940	5/25 1403 U-	49
	0948	5/25 1403 F-	35
	0957	5/25 1403 U2-	48

RL-429

α
C

U – 64 – 80

U2 – 91 – 87

βγ
C

U – 75 – 69

U2 – 84 – 82

α
C

Bl, 1 – 2 – 1 – 0 – 0 – 4 – 1 – 2 – 1

NT – 3887 – 3841 – 3869 – 3857 Average 3864

U – 2 – 2 – 3 – 0 – 2 – 2

F – 2 – 3 – 1 – 1 – 1 – 1

U2 – 0 – 0 – 2 – 1 – 3 – 3

βγ
C

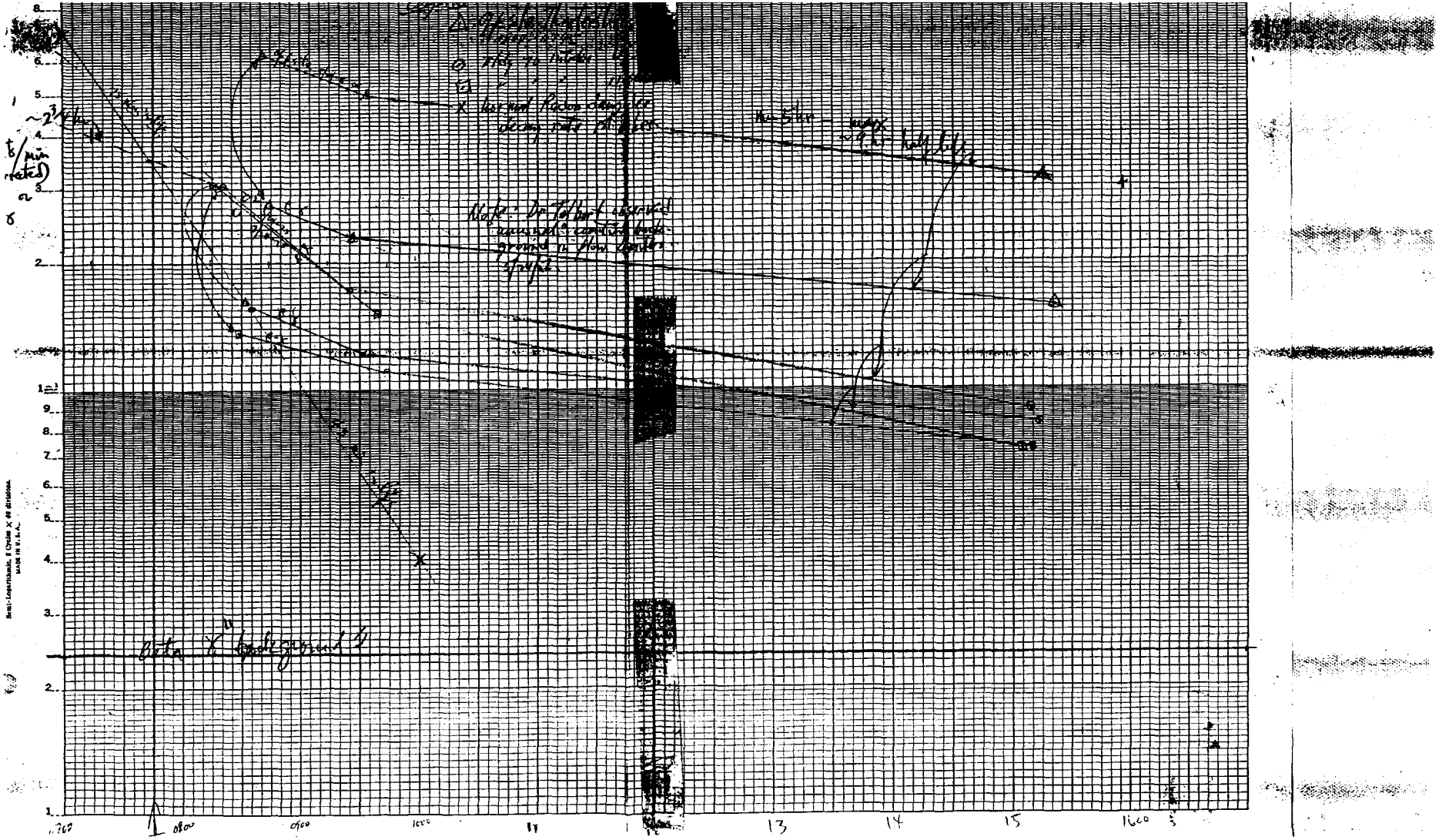
Bl, 1 – 23 – 26 – 21 – 22 – 22 – 16

NT – 3437 – 3508 – 3417 – 3527 Average 3472

U – 50 – 46 – 53 – 45 – 46 – 57

F – 59 – 50 – 36 – 25 – 57 – 38

U2 – 57 – 46 – 41 – 56 – 49 – 43


Note: Dr Tolbert observed
unusual counts under
ground in flow counter
Delta X background
13
14
15
1600

AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE 3/

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME START	SAMPLING DATE AND TIME STOP	TOTAL HOURS.	CFM	READINGS • DATE AND TIME 1ST	READINGS • DATE AND TIME 2ND	#1 Bkgd	REMARKS
2L 837	1459	U	8-13 0530	8-14 0530			8-14 0919 60		20	
		F	"	"			0921 54		"	
2L 837	1460	U	8-14 0830	8-15 0830			8-15 0853 63		23	
		F	"	"			0855 58		"	

RL-493

AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE 8/

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME START	SAMPLING DATE AND TIME STOP	TOTAL HOURS.	CFM	READINGS • DATE AND TIME 1ST	READINGS • DATE AND TIME 2ND	1ST BKG	2ND BKG	REMARKS
[illegible]	[illegible]	U	0750 8-1-56	0737 8-2-56		U	0829 8-2 70	0930 8-6 30	23	22	
							0842 8-2 57	0932 28	"	"	
[illegible]	[illegible]		0800 8-1-56	[illegible] 8-2-56			0847 8-2 143	0935 19	"	"	
1453A	1452	U	0737 8-2-56	0726 8-3-56			0759 8-3 72	0935 30	23	"	
		F	"	"			0802 8-3 60	0937 28	"	"	
			0800 8-2-56	[illegible] 8-3-56			0827 8-3 132	0925 8-6 24	"	"	
1453A	[illegible]	U	0726 8-3	0830 8-6			0910 8-6 115	8-8 0923 33	22	23	
		F	"	"			0912 96	0925 29	"	"	
OFF SITE			0800 8-3	1000 8-6			0925 24	0927	"	"	
"			1000 8-4	0800 8-6			0920 199	0929 29	"		
70 1453A	1454	U	0530 8-6	0545 8-7			0935 8-7 104	8-9 1018 28	23	20	
		F	"	"			0937 109	1022 27	"	"	
70 1453A	1455	U	0845 8-7	0830 8-8			8-8 0912 52	8-10 0910 26	23	24	
		F	"				0915 53	0912 26	"	"	
70 1453A	1456	U	8-8 0830	8-9 0815			8-9 0902 135	8-13 0900 23	20	22	
		F	"	"			0905 116	0902 24	"	"	
70 1453A	1457	U	8-9 0815	8-10 0815			8-10 0903 138	8-13 0904 29	24	"	
		F	"	"			0905 156	0906 26	"	"	
70 1453A	1458	U	8-10 0815	8-13 0815			8-13 0856 76	8-15 0857 41	22	23	
		F					0855 69	0859 29	"	"	

RL-493

AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE 8V

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME START	SAMPLING DATE AND TIME STOP	TOTAL HOURS.	CFM	READINGS • DATE AND TIME 1ST	READINGS • DATE AND TIME 2ND	1st Bkgd	2nd	REMARKS
1834	[illegible]	U	0738 7-20	0810 7-23			0915 7-23 106	7-[illegible] 0930 30	22		
	"	F	"	"			" 74	" 37	"		
[illegible]			0800 7-20	0915 7-[illegible]			0920 7-23 31	7-23 0930 [illegible]	"		
"			0915 7-21	1000 7-22			0925 7-23 54	0930 [illegible]	"		
"			1050 7-22	0800 7-23			0930 7-23 103	[illegible] 8	"		
[illegible]			[illegible]	[illegible]			[illegible]	1131 7-26 29	"	22	
	1445	[illegible]	[illegible]				[illegible]	1042 7-27 24	"	"	
	"							1051 7-27 29	"	"	
			[illegible]				[illegible]	1103 7-27 24	"	"	
[illegible]	1446	U	0830 7-25-56	[illegible] 7-26-56			1011 7-26 37	1054 7-30 23	22	24	
							1014 7-26 35	1103 7-30 22	"	"	
[illegible]	[illegible]		0815 7-25-56	[illegible]			1016 7-26 60	1114 7-30 20	"	"	
[illegible]	1447	U	0740 7-26-56	0728 7-27-56			0822 7-27 39	1026 7-30 27	21	"	
	"	F	"	"			0825 7-27 45	1036 7-30 28	"		
[illegible]	[illegible]		0840 7-26-56	[illegible]			0835 7-27 86	[illegible] 24	"	"	
	"		0800 7-27-56	1100 7-28-56			0852 7-30 30		"	"	
"	"		1100 7-28-56	1030 7-29-56			0843 7-30 40	1057 8-1 27	"	23	
[illegible]	1448	U	0728 7-27-56	0746 [illegible]			0825 7-30 86	1037 8-1 44	"	"	
"	"	F	"	"			0829 7-30 70	1044 8-1 40	"	"	
[illegible]	[illegible]		1030 7-29-56	0800 7-30-56			0833 7-30 94	1108 8-1 27	"		
[illegible]	1449	U	0742 7-30-56	0739 7-31-56			0825 7-31 63	1053 8-2 28	23	23	
	"	F	"	"			0828 7-31 60	1045 8-2 24	23	"	
	[illegible]		[illegible] 7-30-56	[illegible] 7-31-56			0835 7-31 102	1015 8-2 31	23	"	
[illegible]	1456	U	0739 7-31-56	0750 [illegible]			0824 8-1 73	0854 8-2 31	23	23	
"	"	F	"	"			0827 8-1 71	0847 8-2 29	"		
[illegible]	[illegible]		0800 7-31-56	0800 8-1-56			0835 8-1 145	09[illegible] 8-2 33	"	"	

RL-493

AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE 8 Y

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME START	SAMPLING DATE AND TIME STOP	TOTAL HOURS.	CFM	READINGS - DATE AND TIME 1ST		READINGS - DATE AND TIME 2ND		BKG 1 1ST	BKG 2 2	REMARKS
73-[illegible]	1436	U	0716 7-10-56	0739 7-11-56			0916 7-11	54	1055 7-13	27	23	22	
	"	F					0920 7-11	49	1047 7-13	28	"	"	
	[illegible]		0800 7-10-56	0800 7-11-56			0925 7-11	123	1112 7-13	30	"	"	
73-[illegible]	1437	U	0739 7-11-56	0714 7-12-56			0752 7-12	50	1045 7-16	27	19	19	
	"	F	"	"			0755 7-12	36	1035 7-16	26	"	"	
[illegible]	[illegible]		0800 7-11-56	0800 7-12-56			0838 7-12	107	1128 7-16	29	"	"	
73-[illegible]	1438	U	0714 7-12-56	0710 7-13-56			0749 7-13	50	1106 7-16	27	22	"	
"	"	F	"	"			0750 7-12	51	1056 7-16	24	"	"	
[illegible]	[illegible]		0800 7-12-56	0800 7-13-56			0835 7-13	104	1119 7-16	25	"	"	
[illegible]	[illegible]		0800 7-13-56	0920 7-14-56			0908 7-16	31	1014 7-18	26	19	22	
[illegible]	"		0930 7-14-56	0900 7-15-56			0845 7-16	39	0923 7-17	27	"	23	
[illegible]	1439	U	0710 7-15-56	[illegible] 7-16-56			0825 7-16	67	0924 7-16	28	"	22	
"	"	F	"	"			0848 7-16	68	[illegible]	32	"	"	
[illegible]	[illegible]		0900 7-15-56	0800 7-16-56			0836 7-16	88	1023 7-18	28	"	"	
73-[illegible]	1440	U	0742 7-16-56	0736 7-17-56			0820 7-17	60	0912 7-19	26	23	23	
		F	"	"			0823 7-17	65	0926 7-19	26	23	"	
[illegible]	[illegible]		0800 7-16-56	[illegible]			0831 7-17	189	0929 7-19	28	23	"	
[illegible]	1441	U	0736 7-17-56	0725 7-18-56			0759 7-18	164	0855 7-20	26	22	21	[illegible]
"	"	F	"	"			0802 7-18	138	0956 7-20	30	22	21	
[illegible]	[illegible]		0800 7-17-56	0800 7-18-56			0842 7-18	210	0915 7-20	32	22	21	
73-[illegible]	1442	U	0725 7-18-56	0730 7-19-56			0805 7-19	122	1400 7-23	26	23	22	
"	"	F	"	"			0804 7-19	88	"	25	23	"	
[illegible]	[illegible]		0800 7-18-56	[illegible]			0819 7-19	139	1425 7-23	26	23	"	
[illegible]	1443	U	0730 7-19-56	[illegible]			0750 [illegible]	[illegible]	1430 7-23	29	21	"	
							[illegible]	47	"	25	21	"	
			[illegible]	[illegible]			[illegible]	[illegible]	1430 7-23	24	[illegible]	"	

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AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE BY

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME START	SAMPLING DATE AND TIME STOP	TOTAL HOURS.	CFM	READINGS - DATE AND TIME 1ST	READINGS - DATE AND TIME 2ND	Bkgd # 1st	Bkgd 2nd	REMARKS
70-183	A1429	U	6-28 0815	6-29 0815			6-29 0830 121	7-3 0855 36	23	20	
	"	F	"	"			0840 91	0855 35	"	"	
HPC			0745	0830			0842 119	0851 33	"	"	
70-183	A1430	U	6-29 0815	7-2 0825			7-2 0845 103	1049 7-5 34	26	23	
"	"	F	"	"			0849 176	1056 7-5 39	"	"	
[illegible]			6-29 0745	6-30 1030			0852 28	1107 7-5 27	"	"	
			6-30 1130	1245			0855 40	1114 7-5 28	"	"	
"			7-1 1015	1[illegible] 1[illegible]			0855 77	1121 7-5 20	"	"	
										"	
70-183	A1431	U	7-2 0825	7-3 0815			7-3 0842 80	1130 7-5 24	20	"	
		F	"	"			0844 78	1138 7-5 23	"	"	
[illegible]			0800	[illegible]			0846 89	1145 7-5 30	"	"	
70-183	1432	U	0815 7-3-52	0823 7-5-52			0902 7-5 78	0932 7-9 32	23	22	
"	"	F	"	"			0905 7-5 73	0941 7-9 33	"	"	
[illegible]			0800 7-3-52	After 1730 7-3-52			0912 7-5 30	0957 7-9 24	"	"	
70-183	1433	U	0813 7-5-52	0806 7-6-52			0844 7-6 59	0913 7-9 31	"	"	
	"	F	"	"			0847 7-6 54	0922 7-9 27	"	"	
[illegible]			2040 7-5-52	0800 7-6-52			0854 7-6 82	1031 7-9 25	"	"	
[illegible]			0800 7-6-52	0845 7-7-52			0853 7-9 26	0929 7-10 25	22	"	
[illegible]			0845 7-7-52	0900 7-8-52			0846 7-9 43	0934 7-10 31	"	"	
70-183	1434	U	0806 7-6-52	0731 7-9-52			0801 7-9 45	1034 7-11 27	"	23	
	"	F	"	"			0804 7-9 44	1028 7-11 29	"	"	
[illegible]			0900 7-8-52	0800 7-9-52			0843 7-9 67	1050 7-11 29	"	"	
[illegible]	1435	U	0731 7-9-52	0716 7-[illegible]-52			0754 7-9 60	0910 7-12 28	22	19	
	"	F	"	"			0758 7-9 56	0920 7-12 25	"	"	
			0800 7-9-52	0800 7-10-52			0851 7-10 105	0930 7-12 28	"	"	

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AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE 5 Y

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME START	SAMPLING DATE AND TIME STOP	TOTAL HOURS.	CFM	READINGS - DATE AND TIME 1ST	READINGS - DATE AND TIME 2ND	BKGD 1ST	BKGD 2ND	REMARKS
[illegible]	[illegible]	[illegible]	0735 6-19-56	0746 [illegible]		11	0831 6-20 103	6-26 0920 35	25	25	
		[illegible]	"	"			[illegible] 56	0920 34	"	"	
		[illegible]	"	"			0837 6-20 76	0930 35	"	"	
[illegible]	[illegible]		[illegible]	[illegible]			0855 6-20 162	0940 29	"	"	
[illegible]	1423	U	0746 6-20-56	0735 6-21-56			0620 6-21 102	0945 30	23	"	
	"	F	"	"			0623 6-21 90	0945 29	"	"	
	"	U2	"	"			0626 6-21 104	0950 33	"	"	
	[illegible]		0810 6-20-56	0820 6-21-56			0656 6-21 167	0910 27	"	"	
70-180	1424	U	0735 6-21-56	0700 6-22-56			0751 6-22 97	0915 28	25	"	
"	"	F	"	"			0754 6-22 90	0915 30	"	"	
"	"	U2	"	"			0757 6-22 110	1000 35	"	"	
[illegible]	[illegible]		0820 6-21-56	0600 6-22-56			0842 6-22 211	1000 35	"	"	
70-183A	1425	U	0700 6-22	0820 6-25			0915 6-25 127	6-27 0912 45	20	"	
	"	F	"	"			0920 113	0915 40	"	"	
	"	U2	"	"			0922 160	0918 44	"	"	
[illegible]			2115 6-22	1045 6-24			1010 35	6-26 1005 27	"	25	
"			1045 6-24	0800 6-25			1015 80	6-27 0920 30	"	"	
70-183A	1426	U	0820 6-25	0815 6-26			0835 6-26 177	6-28 0905 40	25	23	
70-183A	"	F	"	"			0840 233	0907 31	"	"	
LPC			0800 6-25	0720 6-26			0845 117	0910 39	"	"	
[illegible]	1427	U	0815 6-26	0815 6-27			6-27 0840 213	0845 36	"	"	
[illegible]	"	F	"	"			[illegible] 190	[illegible] 25	"	"	
[illegible]			0750 6-26	0740 [illegible]			0900 147	[illegible] 37	"	"	
70-183A	1428	U	6-27 [illegible]	6-28 [illegible]			6-28 0850 132	7-3 0847 41	23	20	
"	"	F	"	"			[illegible] 105	0849	"	"	
[illegible]			0740 [illegible]	[illegible]			[illegible] 173	[illegible]	"	"	

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AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE [illegible]

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME START	SAMPLING DATE AND TIME STOP	TOTAL HOURS.	CFM	READINGS · DATE AND TIME 1ST		READINGS · DATE AND TIME 2ND		[illegible]	[illegible]	RATIO REMARKS
[illegible]	1416	U	0745 6-12-56	0736 6-13-56		4	0817 6-13	75	1005 6-15	361	24	21	
		F	"	"			0821 6-13	61	1015 6-15	28	"	"	
		U2	"	"			0826 6-13	64	1029 6-15	35	"	"	
[illegible]	[illegible]		0800 6-12-56	[illegible]			0829 6-13	154	1050 6-15	35	"	"	
	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	1133 6-16	28	19	23	
		[illegible]	"	"			[illegible]	[illegible]	1159 6-16	26	"	"	
	"	[illegible]					[illegible]	[illegible]	1205 6-16	24		"	
									1221 6-16	26		"	
[illegible]	1418	U	0703 6-14-56	[illegible]			0825 6-15	107	1318 6-16	30	21	"	
	"	F	"	"			0828 6-15	58	1336 6-16	28	"	"	
	"	U2	"	"			0831 6-15	85	1350 6-16	34	"	"	
[illegible]	[illegible]		0800 6-14-56	[illegible]			0837 6-15	160	[illegible] 6-16	37	"	"	
[illegible]	1419	U	0727 6-13-56	1700 6-15-56					1047 6-16	23		"	
		F	"	"					1054 6-16	26	"	"	
		U2	"	"					1101 6-16	27	"	"	
[illegible]	[illegible]		0800 6-15-56	[illegible]			[illegible] 6-16	41	0850 6-18	41	23	"	
[illegible]	[illegible]		0930 6-16-56	1010 6-17-56			0843 6-16	68	1033 6-16	31	"	6.5	
[illegible]	1420	U	1700 6-15-56	0730 6-16-56			0821 6-16	155	1021 6-20	56	"	"	
	"	F	"	"			0825 6-16	91	1010 6-20	37	"	"	
	"	U2	"	"			0826 6-16	112	1043 [illegible]	52	"	"	
[illegible]	[illegible]		1010 6-17-56	[illegible]			0838 6-18	171	1103 6-20	33	"	"	
[illegible]	1421	U	0730 6-15-56	[illegible]			0814 6-19	55	1025 6-21	31	22	23	
	"	F	"	"			0822 6-19	44	1035 6-21	29	"	"	
		U2	"	"			0825 6-19	[illegible]	1040 6-21	27	"	"	
	"		0800 6-18-56	[illegible]			[illegible]	58	1054 6-21	28	25	"	

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AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE _____

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME START	SAMPLING DATE AND TIME STOP	TOTAL HOURS.	CFM	READINGS • DATE AND TIME 1ST		READINGS • DATE AND TIME 2ND		Bkgd 1st	Bkgd 2nd	RATIO REMARKS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			0810 6-5	112	0945 6-7	29	23	21	
			"	"			0814 6-[illegible]	65	0954 6-7	25	"	"	
		[illegible]					[illegible]	53	1002 6-7	26	"	"	
			0800 [illegible]	[illegible]			[illegible]	[illegible]	1035 6-7	31	"	"	
"	1411	U	0735 6-5-56	[illegible] 6-6-56			0825 6-6	72	1034 6-8	25	22	[illegible]	
	"	F	"	"			[illegible] 6-6	[illegible]	1046 6-8	27	"	"	
		U2	"	"			[illegible] 6-6	66	1032 6-8	31	"	"	
[illegible]	1412		[illegible]	[illegible]			[illegible] 6-6	150	1101 6-8	31	"	"	
[illegible]	1412	U	0726 6-6-56	0730 6-7-56			0815 6-7	100	1124 6-12	33	21	22	
"	"	F	"	"			0818 6-7	61	1130 6-12	31	"	"	
		U2					0821 6-7	85	1141 6-12	32	"	"	
[illegible]	[illegible]		0800 6-6-56	0800 6-7-56			0828 6-7	213	1152 6-12	29	"	"	
[illegible]	1413	U	0730 6-7-56	0732 6-8-56			0811 6-8	142	1326 6-12	32	24	22	
	"	F	"	"			0815 6-8	80	1331 6-12	26	"	"	
		U2	"	"			0818 6-8	121	[illegible] 6-12	41	"	"	
[illegible]	[illegible]		0800 6-7-56	0800 6-8-56			0855 6-8	200	1335 6-12	34	"	"	
[illegible]	[illegible]		0800 6-8-56	0800 6-9-56			1030 6-11	50	1415 6-12	43	26	"	
"	"		0800 6-9-56	0930 6-10-56			1045 6-11	53	1432 6-12	42	"	"	
[illegible]	1414	U	0732 6-8-56	0830 6-11-56			0952 6-11	187	0965 6-13	89	"	24	7-2 0900 46
"		F	"	"			0955 6-11	92	0937 6-13	36	"	"	" 38
		U2	"	0745 6-12-56			0833 6-12	222	[illegible] 6-13	[illegible]	22	[illegible]	" [illegible]
[illegible]	[illegible]		0930 6-10-56	[illegible] 6-4-56			1037 6-11	115	1048 6-13	34	26	24	
[illegible]	1415	U	0850 6-4-56	0745 6-12-56			0826 6-12	114	1416 6-13	39	22	[illegible]	
		F	"	"			0830 6-12	71	[illegible]		"	"	
		U2	[illegible]	[illegible]			—				—	—	
[illegible]	[illegible]		0800 6-11-56	0800 6-12-56			0839 6-12	186	1445 6-14	37	"	26	

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AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE [illegible]

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME START	SAMPLING DATE AND TIME STOP	TOTAL HOURS.	CFM	READINGS - DATE AND TIME 1ST	READINGS - DATE AND TIME 2ND	BKGD. 1ST	BKGD. 2ND	REMARKS
		[illegible]	[illegible]	[illegible]		4	[illegible]	1029 5-30 73	22	20	
		[illegible]					[illegible]	1039 5-30 63	"	"	
			"				[illegible]	1048 5-30 79	"	"	
							[illegible]	1100 5-30 44	"	"	
			[illegible]	[illegible]			[illegible]	0930 5-31 36	25	23	
							[illegible]	0940 5-31 27	"	"	
							[illegible]	0950 5-31 36	"	"	
[illegible]	[illegible]		[illegible]				[illegible]	1036 5-31 36	"	"	
[illegible]	1456	V	0741 5-29-[illegible]	0904 5-30-[illegible]			0945 5-30 72	1037 6-1 35	26	[illegible]	
"	"	F	"	"			0900 5-30 60	1040 6-1 33	"	"	
"	"	V2	"	"			0912 5-30 70	1046 6-1 37	"	"	
[illegible]	[illegible]		0800 5-30-[illegible]	[illegible]			[illegible] 50	1106 6-1 32	23	"	
[illegible]	[illegible]	"	[illegible]	[illegible]			0955 6-1 64	1043 6-1 38	"	21	
							0958 5-31 58	[illegible]	"	"	
		V1	"				[illegible]	1100 6-4 41	"	"	
[illegible]	[illegible]		0930 5-30-[illegible]	[illegible]			0900 5-31 122	1112 6-4 30	23		
[illegible]	[illegible]	V	[illegible]	[illegible]			0800 6-1 82	1121 6-4 31	24		
	"	F	"	"			0803 6-1 54	1130 6-4 29	"		
		V2	"	"			0806 6-1 75	1138 6-4 36	"	"	
[illegible]	[illegible]		[illegible]	[illegible]			0840 6-1 193	[illegible] 86	"	"	
[illegible]	1469	V	0710 6-1-[illegible]	[illegible]			0821 6-4 99	1019 6-6 52	25	22	
"	"	F	"	"			0820 6-4 78	1028 6-6 44	"	"	
"	"	V2	"				0825 6-4 [illegible]	1036 6-6 54	"	"	
[illegible]	[illegible]		1100 [illegible]	0800 6-4-[illegible]			0846 6-4 140	0936 6-6 36	"	"	
[illegible]	[illegible]		0800 6-1-[illegible]	[illegible]			0855 [illegible]	1023 6-5 35	"	23	
[illegible]	[illegible]		[illegible]	[illegible]			0800 6-4 64	1034 6-5 38	"	"	

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AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME START	SAMPLING DATE AND TIME STOP	TOTAL HOURS.	CFM	READINGS - DATE AND TIME 1ST	READINGS - DATE AND TIME 2ND	BKGD 1ST	BKGD 2ND	REMARKS
			0731				90	31	23	21	
								31		6	
								37		6	
								30		4	
							45	—	21	—	
								54	21	24	
							126	105			
								75		4	
								39		1	
			1000								
								20		21	
								25		4	
								26			
							28	35			
			0777				71	34	26	20	
		F					58	31			
							51	35			
							101	32			
		C					72	39		22	
								51			
			0830				120				
	1493		0730				137		20		
		F					108				
							136				
			0800				274				
							40	—			
							29	36			

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AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE B Y

BLDG.	SET ROOM	SITE NO.	SAMPLING DATE AND TIME START	SAMPLING DATE AND TIME STOP	TOTAL HOURS.	CFM	READINGS - DATE AND TIME 1ST	READINGS - DATE AND TIME 2ND	Bkgd 1st	Bkgd 2nd	REMARKS
	1392	U	0719 5-9-52	[illegible]			0830 5-10 60	0940 5-10 45	24	25	
	"	F	"	"			[illegible]	1014 5-10 45	"	"	
	"	U2	"	"			0840 5-10 67	1021 5-10 47	"	"	
	[illegible]		0802 5-9-52	[illegible]			0845 5-10 147	[illegible] 58	"	"	
	1393	U	[illegible]	[illegible]			[illegible] 5-10 61	[illegible] 30	25	"	
	"	F					"	1100 5-10 [illegible]	4	"	
	"	U2					[illegible] 62	[illegible] 55	"	"	
	[illegible]		0850 5-10-52	[illegible]				[illegible] 33	25	"	
			0731	5-10-52				1150 5-10 38	"	"	
	1394	U	0738 5-10-52				0844 5-10 128	[illegible] 5-10 61	"	22	
	"	F	"	"			0825 5-10 92	0957 5-10 55	"	"	
		U2	"	"			[illegible] 5-10 132	1023 5-10 73	"	"	
	[illegible]		0850 5-10	[illegible]			[illegible] 190	1042 5-10 40	"	"	
			0905 5-10	0855 5-10			[illegible] 45	1047 5-10 30		21	
		F	0915				[illegible]	1359 5-10 51	21	21	
							[illegible] 54	1350 5-10 48	"	"	
			0915					[illegible] 5-10 51	"	"	
								[illegible] 5-10 51	"	"	
	[illegible]	F	0740 5-10	[illegible]			[illegible] 5-10 [illegible]	1036 5-10 [illegible]	22	23	
							0845 5-10 [illegible]	1040 5-10 52	"	"	
		U2	"	"			0845 5-10 [illegible]	1045 5-10 69	"		
	1395		0730 5-10	[illegible]			0855 5-10 359	[illegible] 5-10 52	"		[illegible]
	1397	U	0740 5-10-52	0731 5-10-52			0870 5-10 221	1034 5-10 60	23	21	
		F	"	"			[illegible] 5-10 165	1034 5-10 52	"	"	
		U2	"	"			0845 5-10 231	1059 5-10 61	"	"	
		—	0845 5-10	0845 5-10			0850 5-10 335	1104 5-10 [illegible]	"		

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AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME START	SAMPLING DATE AND TIME STOP	TOTAL HOURS.	CFM	READINGS - DATE AND TIME 1ST	READINGS - DATE AND TIME 2ND	BKGD	BKGD	REMARKS
			5-6-56				130	0945 5-8 43	33		
							0900 75	0938 5-8 58			
								0950 5-8			
			5-6-56					5-8 47			
								36		23	
										23	
							21				
								0955 5-8 32			
								1044 5-7 44	21	26	
								31			
							115	45			
							39	0941 5-8 39	26		
							0900 44	0918 5-8 34	23	23	
								0945 5-8 31			
								0935 5-8 32			
							34	0909 5-8 34	26		
			0925					1036 43		24	
								34	16		
								1050 47			
								35			
		U	0730	0800			0900 91		23		
		7					0944				
		U6					0945 106	33			
			0 5-8-56				0	43	24		
		U	0900				0950 82	1105 41		25	16
		1						1100 35			
		U						1150 47			
			0					1150 43			

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AIRBORNE RADIOACTIVITY

B. & ~~(ALPHAS~~ UNLESS OTHERWISE NOTED)

DATE 58

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME START	SAMPLING DATE AND TIME STOP	TOTAL HOURS.	CFM	READINGS - DATE AND TIME 1ST		READINGS - DATE AND TIME 2ND		[illegible]	[illegible]	Ratio REMARKS U @ 48 hrs decay 24 & 48 hrs
		D	[illegible]		72	4	0851 4-16	141	0901 4-18	59	21	23	2.5
		F	"	"			0854 4-16	118	0909 4-18	51	"	"	
	1372	U	0800 4-16-56	0728 4-17-56			0801 4-17	113	0912 4-19	39	23	25	[illegible]
		F	"	"			0805 4-17	105	0936 4-19	35	"	"	
	1372	U	2728 4-17-56	[illegible]			0811 4-18	175	0844 4-20	60	23	24	
		F					0814 4-18	155	0853 4-20	58	"	"	
	1374	U	0740 4-18-56	0748 4-19			0826 4-19	133	0923 4-23	63	[illegible]	22	
		F	"	"			0829 4-19	94	[illegible]	[illegible]	"	"	
	1375	U	0748 4-19-56	0726 4-20-56			0757 4-20	124	[illegible]	54	24	"	
		F	"	"			0800 4-20	124	[illegible]	45	"	"	
	[illegible]	D	0726 [illegible]	[illegible]			0824 4-18	131	0935 4-23	101	22	23	
		F	"	"			[illegible]	[illegible]	[illegible]	86	22	"	
	1377	U	0740 [illegible]	[illegible]			0801 4-24	34	0835 4-26	27	23	[illegible]	
	1377	F	"				0810 4-25	53	0845 [illegible]	28	23		
			0728 [illegible]				0816 [illegible]	183	[illegible]	45	23	26	[illegible]
							0820 [illegible]	[illegible]	1034 4-27	44	23	"	
	1378	U	0740	0726 [illegible]			0700 [illegible]	91	0906 4-28	44	[illegible]	24	
							[illegible]	66	0856 4-28	46	[illegible]	"	
	[illegible]	U	0726 4-26-56	0736 [illegible]			[illegible]	[illegible]	0929 [illegible]	30	26	"	
		F					[illegible]	[illegible]	0930 4-28	31	26	"	
	1381	U	0734 4-27-56	[illegible]			0822 4-29	119	1515 5-2	86	24	22	
		F	"	"			0826 4-29	114	1519 [illegible]	72	24	"	
	1382	U	0745 4-29-56	0732 [illegible]			[illegible] 4-30	109	1529 5-2	45	23	22	
		F	"	"			0834 [illegible]	[illegible]	1535 5-2	39	"	"	
	[illegible]		0726 4-30-56	[illegible]			0838 [illegible]	75	[illegible]	40	23	[illegible]	
							[illegible]	[illegible]	[illegible]	29	"		
	[illegible]		[illegible]				[illegible]	[illegible]	1028 [illegible]	61	[illegible]	21	
							[illegible]	[illegible]	[illegible]	53	"	"	

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