

UNIVERSITY OF CALIFORNIA

To Nike

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

WHILE YOU WERE OUT

fr. Alan MacFarlane

from

- Telephoned Will phone again Please phone
- Came to see you Will come again Rush

MESSAGE

TWA 7/20 11:00 am over
time dirty bassoon

phone party at

taken by AL

II SHp-301m-10,55 (B5324s16)22

J.F.
DB McF says: 7/9/56 402551

hang 7/8/56
Bikini 1PM
over time

also July 2 here
June 26 ✓ R

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

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183A SITE F
 RATE 4 CFM

TIME DATE
 ON 0730 6/8
 OFF 0850 6/11

ALPHA COUNT

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

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND	<u>0940</u>	<u>6/11</u>	<u>26</u>
SAMPLE	<u>0953</u>	<u>6/11</u>	<u>92</u>
<i>SURVEY</i>	<u>0850</u>	<u>6/11</u>	<u>0.0115</u>

RL-429

AIR SAMPLING FOR RADIOACTIVITY

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	<u>0950</u>	<u>6-25</u>	<u>20</u>
SAMPLE	<u>1030</u>	<u>6-25</u>	<u>68</u>

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	<u>0945</u>	<u>6/11</u>	<u>1</u>
SAMPLE	<u>1000</u>	<u>6/11</u>	<u>218</u>
<i>SURVEY</i>	<u>0850</u>	<u>6/11</u>	<u>500</u>

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND	<u>0940</u>	<u>6/11</u>	<u>26</u>
SAMPLE	<u>0952</u>	<u>6/11</u>	<u>187</u>
<i>SURVEY</i>	<u>0850</u>	<u>6/11</u>	<u>0.0115</u>

RL-429

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183A SITE AIR INTAKE
 RATE 4 CFM HL-22 1414

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

ALPHA COUNT

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

BETA-GAMMA COUNT

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

RL-429

F: 127 - 128
0958

F: 89 - 95
0950 0955

Y: 3884-3644-3505-3650

U: 215 - 220
0955 1000

BY
U: 3502-3567-3566-3481

F: 9-80-26-38-24-19

U: 186 - 189
0949 0952

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

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

$\sqrt{35}$
 $\sqrt{127}$
 $\frac{26}{7}$

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

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

BY
 $\sqrt{534}$
 $\sqrt{213}$
 $\frac{14}{33}$
 $\frac{26}{7}$

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183A SITE 1

RATE _____ CFM

	TIME	DATE
ON	0732	6-8
OFF	0745	6-14

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND	0900	7-2	

SAMPLE

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND			26
SAMPLE <u>O₂</u>			88

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183A SITE 1

RATE _____ CFM

	TIME	DATE
ON	0732	6-8
OFF	0745	6-14

ALPHA COUNT

	TIME	DATE	C/M
BACKGROUND	0900	7-2	

SAMPLE U
F
U₂

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND			26
SAMPLE <u>U</u>			46
<u>F</u>			38
<u>U₂</u>			

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	1426 $\frac{1}{2}$		13

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND	22		
SAMPLE	1432 $\frac{1}{2}$		42

RL-429

AIR SAMPLING FOR RADIOACTIVITY

BLDG. _____ ROOM OFF SITE 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. _____ ROOM _____ SITE OFF SITE

RATE _____ CFM

	TIME	DATE
ON	0830	6/11
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. 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

L
C

57-62

Com 1-11-12-7-12-14-19

⁺²¹³
178
6
15
12

BV
C

(3)

54-51

Com 1-49-46-31-44-48-74

⁰²
1783
24
13

5/28

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

Zwischen off site 1000' 2 min
air sample

on 6/9/56 0900
" " 2100

* 1st count 6/13

* 6/13 } Bkg 2x net 3x
count " } 24Bx net 57B-x

* 6/22 } Bkg 3x net 0x
count " } 26Bx net 29B-x

* 7/5/56 net 22 C/m @ 1500 hrs

* per phone from Pfeanig.
6/22/56; 1630.

** per phone from ... 5/22 0900

from D.B.

Shot wed 30th) 5/31/56
out 11 AM } on time

LWR air counts

5/11/56

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

net c/m DB H.F. gauge

51-63 hrs

1720800 8th

could not confirm above on

Beckley samples + so verified DB + Dirty

5/28/56

DB, approx. air counts at pollers

sample 0800-0800 5/24-5/25/56 site

counts time α β - γ
(net) decay

4h	1762	824
8h	261	180
62h	12	35

- do - home

8h	49	211
62h	13	41

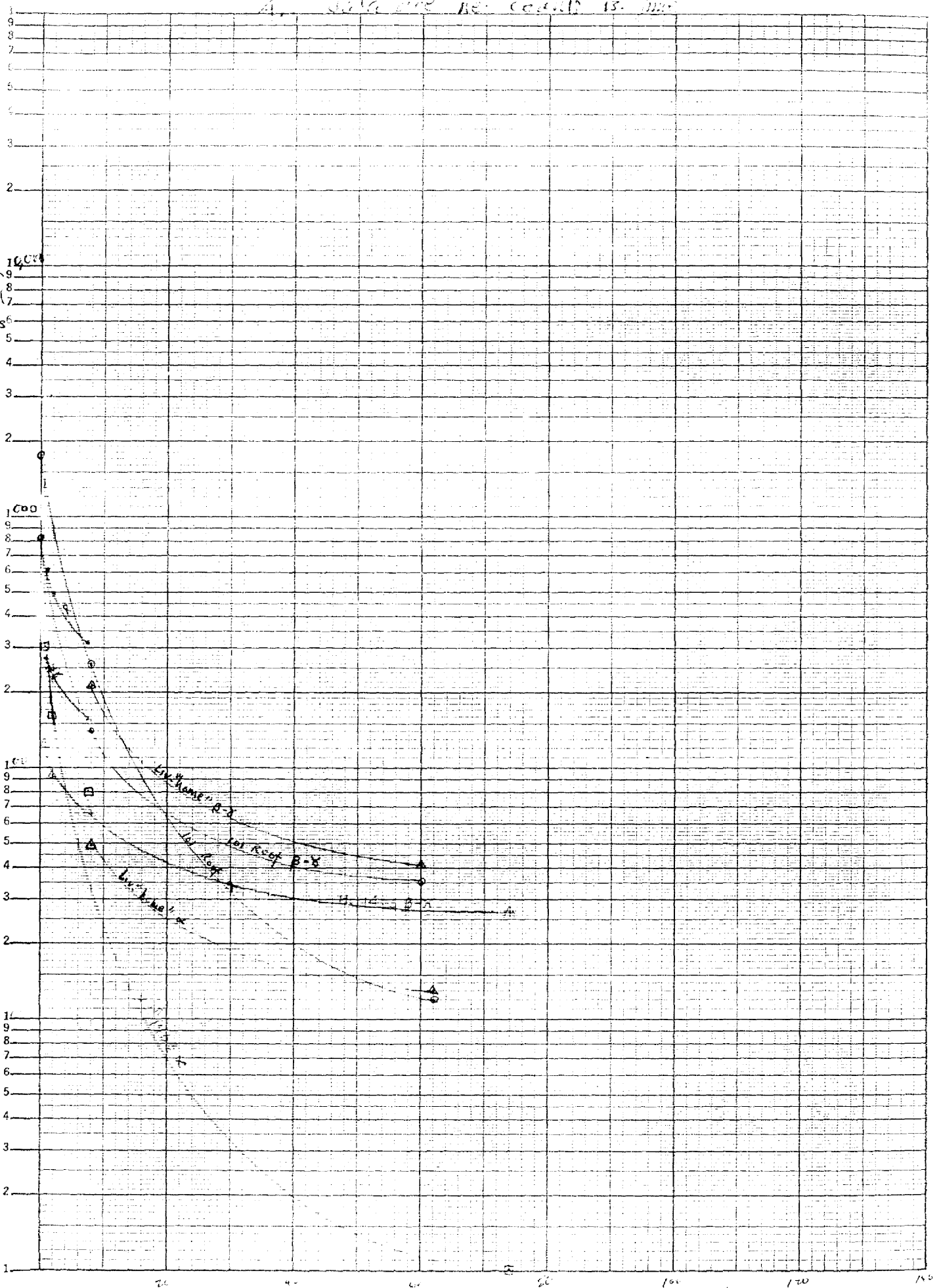
0800-2000 5/25-5/25

58h	3	14
-----	---	----

4. data are net counts 15 min

Counts/min
received
on samples

SEMI-LOGARITHMIC 358-91
KEUFFEL & ESSER CO. MADE IN U.S.A.
5 CYCLES X 70 DIVISIONS



hours decay after sampling terminated

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 7/1 ROOM 100 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-428

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 7/1 ROOM 100 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-428

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 7/1 ROOM _____ SITE _____

RATE 4 CFM

	TIME	DATE
ON	1100	5-27-57
OFF	0825	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-428

α
C

1st unit - 81
2 - 80

β
C

1st unit - 18
2 - 11
3 - 21
35.0
17

β
C

1st unit - 52
2 - 66
11.8
19

β
C

1st unit 38
2 - 41
7.9
39
40

α
C

1st unit - 399
2 - 391
779.0
395

β
C

1st unit - 170
2 - 172
342
171

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 1836 SITE AIR INTAKE

RATE 4 CFM HC 24 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 1836 SITE AIR INTAKE

RATE 4 CFM HC 24 1404

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

ALPHA COUNT

TIME DATE C/M

BACKGROUND

SAMPLE 1006 5/28 '1404 U-94
1009 5/28 '1404 U2-96

BETA-GAMMA COUNT

TIME DATE C/M

BACKGROUND

SAMPLE 1006 5/28 '1404 U-115
1013 5/28 '1404 U2-109

RL-429

2
C

U-251-219

F-162-144

U2-232-233

Ad-

Bd-

5Y
C

U-145-162

F-110-98

U2-133-156

Ad-

Bd-

2
C

U-103-79-99

~~F-~~

U2-95-97

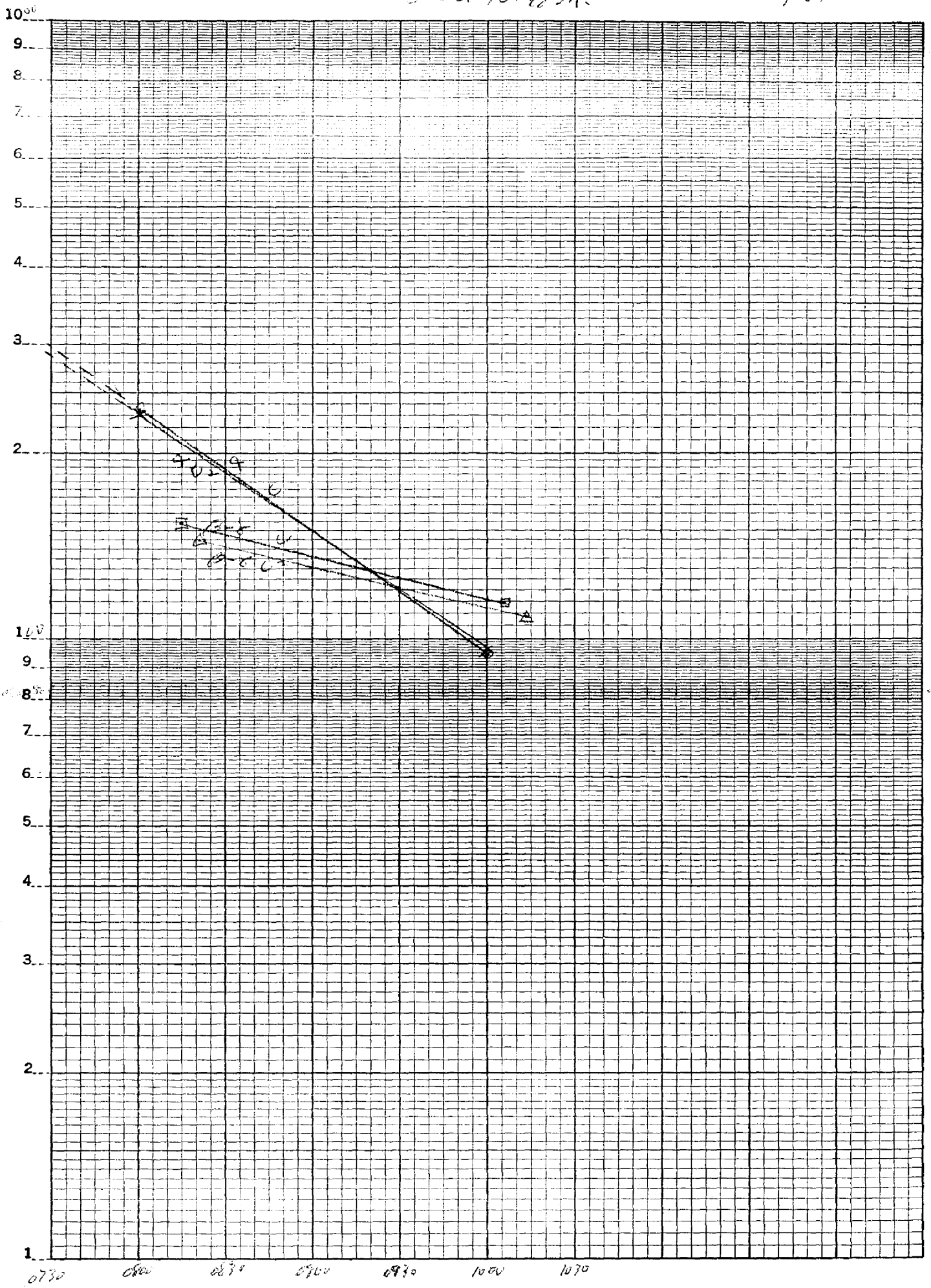
3Y
C

U-113-114

~~F-~~

U2-118-100

BCEA 701483A. 107 01/25-5/28/56 0170-0102



KEUFFEL & ESSER CO., N. Y. NO. 350-80
Semi-Logarithmic, 5 Cycle X 80 divisions.
MADE IN U. S. A.

AIR SAMPLING FOR RADIOACTIVITY

BLDG. off site ROOM _____ SITE _____
RATE 0 CFM

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

ALPHA COUNT

TIME DATE C/M

BACKGROUND /

SAMPLE 1515 5/25 — 312

BETA-GAMMA COUNT

TIME DATE C/M

BACKGROUND 24

SAMPLE 1521 5/25 — 156

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

28

AIR SAMPLING FOR RADIOACTIVITY

BLDG. off site ROOM _____ SITE _____
RATE 0 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
493 @ 0934

BETA-GAMMA COUNT

TIME DATE C/M

BACKGROUND

SAMPLE 0844 5/25 — 274
0926 5/25 — 229

RL-428

of interest to so avoid
all the work of analyzing for nothing.

L
C

1st Cond - 303
2 - 321

 1124
 312

Br
C

1st Cond - 134
2 - 177

 2111
 156

L
C

1st Cond - 609
2 - 618

 41227
 614

Br
C

1st Cond - 283
2 - 264

 4547
 274

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183 A SITE AIR INTAKE

RATE 4 CFM HC 200-1403

	TIME	DATE
ON	0730	5-24-58
OFF	0740	5-25-58

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

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183 A SITE AIR INTAKE

RATE 4 CFM HC 200-1403

	TIME	DATE
ON	0730	5-24-58
OFF	0740	5-25-58

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

2
C

V - 142-159

E

V2 - 166-178

BY
C

V - 118-102

F -

V2 - 111-131

BY
C

U-351-291

F-236-213

U2-305-299

STW

BY -

U-134-139

F-115-101

V2-134-178

STW

BY -

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183A SITE AIR INTAKE

RATE 4 CFM HC 1403

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

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-428

AIR SAMPLING FOR RADIOACTIVITY

BLDG. 70 ROOM 183A SITE

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	0931	5/24/1403 U-	2
	0940	5/24/1403 F-	2
	0949	5/24/1403 U2-	2

BETA-GAMMA COUNT

	TIME	DATE	C/M
BACKGROUND	22		

SAMPLE	0940	5/24/1403 U-	49
	0948	5/24/1403 F-	35
	0957	5/24/1403 U2-	48

RL-428

α
0

U-64-80

U2-91-87

β
0

U-75-69

U2-84-82

α
0

Bl-2-1-0-0-4-1-2-1

AT-3887-3841-3869-3857 3864

U-2-2-3-0-2-2

F-2-3-1-1-1-1

U2-0-0-2-1-3-3

β
0

Bl-23-26-21-22-22-16

AT-3437-3508-3417-3327 3472

U-50-46-53-45-46-57

F-59-50-36-25-57-38

U2-57-46-41-56-49-45

AIRBORNE RADIOACTIVITY
(ALPHAS UNLESS OTHERWISE NOTED)

DATE 8/1

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME		TOTAL HOURS.	CFM	READINGS - DATE AND TIME		1ST BKG	2 ND BKG	REMARKS
			START	STOP			1ST	2ND			
1430	1431	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 8-6 28	"	"	
	1432	U	0800 8-2-56	0827 8-3-56			0847 8-2 143	0935 8-6 19	"	"	
		F					0859 8-3 72	0935 8-6 30	23	"	
							0802 8-3 60	0937 8-6 28	"	"	
			0800 8-2-56	0820 8-3-56			0827 8-3 132	0925 8-6 24	"	"	
1430A	1433	U	0726 8-3	0830 8-6			0910 8-6 115	8-8 0923 33	22	23	
		F	"	"			0912 8-6 96	0925 8-6 29	"	"	
OFF SITE			0800 8-3	1000 8-6			0925 8-6 24	0927 8-6	"	"	
			1000 8-4	0800 8-6			0920 8-6 199	0929 8-6 29	"	"	
1430A	1454	U	0830 8-6	0845 8-7			0935 8-7 104	8-9 1013 28	23	20	
		F	"	"			0937 8-7 109	1022 8-9 27	"	"	
1430A	1455	U	0845 8-7	0850 8-8			8-8 0912 52	8-10 0910 26	23	24	
		F	"	"			0915 8-8 53	0912 8-10 26	"	"	
1430A	1456	U	8-8 0850	8-9 0815			8-9 0902 135	8-13 0900 23	20	22	
		F	"	"			0905 8-9 116	0902 8-13 24	"	"	
1430A	1457	U	8-9 0815	8-10 0815			8-10 0903 138	8-13 0904 29	24	"	
		F	"	"			0905 8-10 156	0906 8-13 26	"	"	
1430A	1458	U	8-10 0815	8-13 0815			8-13 0906 76	8-15 0857 41	22	23	
		F	"	"			0908 8-13 69	0859 8-15 29	"	"	

AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE 1-31

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME		TOTAL HOURS.	CFM	READINGS - DATE AND TIME		1st	2nd	REMARKS
			START	STOP			1ST	2ND			
10	1440	U	0708 7-20	0810 7-23			0915 7-23	106 0930	30	22	
		F	"	"			"	74	37	"	
			0800 7-20	0915 7-20			0920 7-23	31	30	"	
			0915 7-21	1030 7-22			0925 7-23	54	22	"	
			1050 7-22	1400 7-23			0930 7-23	103	28	4	
			0900 7-22	0930 7-22			0935 7-22		29	1	22
	1445		0905 7-22	0935 7-22			0915 7-22		29		
			1030 7-22	1100 7-22			1035 7-22		24		
	1446	U	0830 7-22	0900 7-22			1011 7-22	37	23	22	24
		F	"	"			1015 7-22	35	22	1	
	1447	U	0815 7-22	0900 7-22			1016 7-22	60	20	1	
			0740 7-22	0748 7-22			0922 7-22	39	27	21	
		F	"	"			0825 7-22	45	28	1	
	1448	U	0728 7-22	0744 7-22			0835 7-22	86	21	1	
			0800 7-22	0800 7-22			0852 7-22	50	27	1	
			1100 7-22	1030 7-22			0843 7-22	40	27	1	23
	1448	U	0728 7-22	0744 7-22			0825 7-22	86	44	1	
		F	"	"			0829 7-22	70	40	1	
			0800 7-22	0800 7-22			0831 7-22	94	27	1	
	1450	U	0740 7-22	0759 7-22			0825 7-22	63	28	23	23
		F	"	"			0828 7-22	60	24	23	
			0800 7-22	0800 7-22			0835 7-22	102	31	23	
	1450	U	0739 7-22	0750 7-22			0844 7-22	73	31	23	23
		F	"	"			0829 7-22	71	29	1	
	1450		0800 7-22	0800 7-22			0835 7-22	145	33	1	

AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE 3/8

BLDG.	ROOM SET	SITE NO.	SAMPLING DATE AND TIME		TOTAL HOURS.	CFM	READINGS - DATE AND TIME		Dkgs / 1st	Dkgs / 2nd	REMARKS		
			START	STOP			1ST	2ND					
75-113	1436	U	0716 7-10-56	0739 7-11-56			0918 7-11	54	1055 7-13	27	23	22	
	"	F					0920 7-11	49	1047 7-13	28	"	"	
	"		0800 7-10-56	0800 7-11-56			0925 7-11	123	1112 7-13	30	"	"	
75-113A	1437	U	0739 7-11-56	0714 7-12-56			0752 7-11	50	1045 7-16	27	19	19	
	"	F					0755 7-12	36	1035 7-16	26	"	"	
	"		0800 7-11-56	0800 7-12-56			0838 7-12	107	1128 7-16	29	"	"	
75-113B	1438	U	0714 7-12-56	0710 7-13-56			0749 7-12	50	1106 7-16	27	22		
	"	F					0750 7-12	51	1056 7-16	24	"	"	
	"		0800 7-12-56	0800 7-13-56			0835 7-13	104	1119 7-16	25	"	"	
	"		0800 7-13-56	0920 7-14-56			0909 7-14	31	1014 7-18	26	19	22	
	"		0930 7-14-56	0900 7-15-56			0845 7-16	39	0923 7-17	27	"	23	
75-113C	1439	U	0710 7-15-56	0745 7-16-56			0825 7-15	67	0924 7-16	28	2	22	
	"	F					0848 7-16	68	0931 7-16	32	"	"	
	"		0900 7-15-56	0800 7-16-56			0830 7-16	88	1023 7-18	28	"	"	
75-113D	1440	U	0742 7-16-56	0736 7-17-56			0820 7-17	60	0914 7-18	36	23	23	
	"	F					0823 7-17	65	0920 7-18	26	23		
	"		0800 7-16-56	0800 7-17-56			0831 7-17	139	0929 7-19	28	23		
75-113E	1441	U	0736 7-17-56	0725 7-18-56			0759 7-17	164	0855 7-20	26	22	21	38000 - 10, 03 38 7-18-56
	"	F					0802 7-18	138	0915 7-21	30	22	21	
	"		0800 7-17-56	0800 7-18-56			0842 7-18	210	0915 7-21	32	22	21	
75-113F	1442	U	0745 7-18-56	0730 7-19-56			0805 7-19	122	1010 7-23	26	23	22	
	"	F					0804 7-19	88	"	25	23	"	
	"		0800 7-18-56	0800 7-19-56			0819 7-19	139	1025 7-23	26	23	"	
75-113G	1443	U	0730 7-19-56	0720 7-20-56			0730 7-20	82	1050 7-23	29	21	"	
	"						0735 7-20	47	"	25	21	"	
	"		0800 7-19-56	0800 7-20-56			0805 7-20	101	1030 7-23	24	"	"	

AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE BY

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME		TOTAL HOURS.	CFM	READINGS - DATE AND TIME		Bkcd # 1st	Bkcd # 2nd	REMARKS		
			START	STOP			1ST	2ND					
70-183A	1429	U	6-28 0815	6-29 0815			6-29 0830	7-3 0853	36	23	20		
		F	"	"			0840	91	0855	35	"	"	
								0842	119	0857	33	"	"
70-183A	1430	U	6-29 0815	7-2 0825			7-2 0845	1049 7-5	103	34	26	23	
		F	"	"			0849	170	1056 7-5	39	"	"	
				6-29 0815	6-30 1030			0852	256	1107 7-5	27	"	"
				6-30 1030	7-1 1245			0855	40	1114 7-5	28	"	"
			7-1 1245	7-2 1220			0855	77	1121 7-5	20	"	"	
70-183A	1431	U	7-2 0815	7-3 0815			7-3 0842	80	1130 7-5	24	20	"	
		F	"	"			0844	78	1138 7-5	23	"	"	
								0846	89	1145 7-5	30	"	"
70-183A	1432	U	0815 7-3-52	0823 7-5-51			0902 7-5	78	0932 7-9	32	23	22	
		F	"	"			0905 7-5	73	0941 7-9	33	"	"	
70-183A	1433	U	0800 7-3-51	After 1730 7-3-51			0912 7-5	30	0957 7-9	24	"	"	
		F	0813 7-5-52	0806 7-6-56			0844 7-6	59	0913 7-9	31	"	"	
70-183A	1433	F	"	"			0847 7-6	54	0922 7-9	27	"	"	
				2040 7-5-51	0800 7-6-56			0854 7-6	82	1021 7-9	25	"	"
70-183A	1433		0800 7-6-52	0845 7-7-57			0853 7-5	26	0929 7-10	25	22	"	
			0845 7-7-52	0900 7-8-51			0846 7-7	43	0939 7-10	31	"	"	
70-183A	1434	U	0806 7-6-52	0731 7-9-53			0801 7-9	45	1034 7-11	27	"	23	
		F	"	"			0804 7-9	44	1028 7-11	29	"	"	
70-183A	1435	U	0900 7-8-52	0800 7-9-52			0843 7-9	67	1050 7-11	29	"	"	
		F	0731 7-9-52	0716 7-10-51			0754 7-9	60	0910 7-12	28	22	19	
70-183A	1435		"	"			1058 7-9	56	0920 7-12	25	"	"	
				0800 7-9-51	0800 7-10-51			0851 7-10	105	0950 7-12	28	"	"

AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE 58

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME		TOTAL HOURS.	CFM	READINGS - DATE AND TIME		BKGD 1ST	BKGD 2ND	PATI REMARKS
			START	STOP			1ST	2ND			
70-1831	1421	U	0735 6-19-58	0745 6-20-58		11	0831 6-20 103	6-20 0920 35	25	25	
		F	"	"			0816 6-20 56	0920 34	"	"	
		V2	"	"			0837 6-20 76	0930 35	"	"	
70-1831	1423	U	0746 6-20-58	0755 6-21-58			0855 6-20 162	0940 29	"	"	
		F	"	"			0820 6-21 102	0945 30	23	"	
		V2	"	"			0825 6-21 90	0945 29	"	"	
			"	"			0826 6-21 104	0950 33	"	"	
			0810 6-20-58	0820 6-21-58			0836 6-21 167	0920 27	"	"	
70-1831	1424	U	0735 6-21-58	0700 6-22-58			0751 6-22 97	0915 28	25	"	
		F	"	"			0754 6-22 90	0915 30	"	"	
		V2	"	"			0757 6-22 110	1000 35	"	"	
70-1831			0820 6-21-58	0800 6-22-58			0842 6-22 211	1000 35	"	"	
70-1831	1425	U	0700 6-22	0825 6-25			0915 6-25 127	6-27 0912 45	20	"	
		F	"	"			0920 6-25 113	0915 40	"	"	
		V2	"	"			0922 6-25 160	0918 44	"	"	
1106			2115 6-22	1045 6-24			1010 6-22 35	6-26 1025 27	"	25	
"			1045 6-24	0800 6-25			1015 6-24 80	6-27 0920 30	"	"	
70-1831	1426	U	0820 6-25	0815 6-26			0835 6-26 177	6-28 0905 40	25	23	
70-1831		F	"	"			0840 6-26 233	0907 31	"	"	
LPC			0800 6-25	0730 6-26			0845 6-25 117	0910 39	"	"	
70-1831	1427	U	0815 6-26	0815 6-27			6-27 0840 213	0845 36	"	"	
70-1831		F	"	"			0845 6-26 190	0847 25	"	"	
LPC			0730 6-26	0740 6-27			0900 6-26 147	0847 37	"	"	
70-1831	1428	U	6-27 0815	6-28 0815			6-28 0850 132	7-3 0847 41	23	20	
"		F	"	"			0852 6-27 105	0849	"	"	
LPC			0740 6-27	0745 6-28			0814 6-27 173	085	"	"	

AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE 6/16

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME		TOTAL HOURS	CFM	READINGS - DATE AND TIME		Dose	Rate	RATIO	REMARKS
			START	STOP			1ST	2ND				
720132	1416	U	0745 6-14-51	0736 6-13-51		4	0817 6-13	75 1005 6-15	34	24	21	
		F					0821 6-14	61 1015 6-15	28	4	"	
		U2					0824 6-15	64 1029 6-15	35	4	"	
			0800 6-15-51	0800 6-15-51			0829 6-15	154 1035 6-15	35	4	"	
			0730 6-15-51				0833 6-15	44 1133 6-15	28	19	23	
							0834 6-15	44 1134 6-15	26	"	"	
							0835 6-15	44 1205 6-16	24	"	"	
								1222 6-16	26	"	"	
720122	1419	U	0703 6-14-51	0727 6-15-51			0825 6-15	107 1318 6-16	30	21	"	
		F	"	"			0828 6-15	58 1336 6-16	28	1	"	
		U2	"	"			0831 6-15	85 1336 6-16	34	"	"	
			0800 6-15-51	0811 6-15-51			0837 6-15	160 1344 6-16	27	"	"	
720122	1419	U	0727 6-15-51	1700 6-15-51				1047 6-15	23	-	"	
		F	"	"				1054 6-16	26	-	"	
		U2	"	"				1101 6-16	27	"	"	
			0800 6-15-51	0730 6-15-51			0830 6-15	41 0830 6-16	41	23	"	
			0830 6-16-51	1010 6-17-51			0833 6-16	68 1023 6-16	31	4	65	
720122	1420	U	1700 6-15-51	0730 6-16-51			0821 6-16	155 1021 6-16	56	4	"	
		F	"	"			0825 6-16	91 1010 6-16	37	"	"	
		U2	"	"			0828 6-16	112 1043 6-16	32	"	"	
			1016 6-17-51				0838 6-16	171 1103 6-20	33	"	"	
720122	1421	U	0730 6-15-51	0735 6-15-51			0814 6-15	55 1025 6-21	31	22	23	
		F	"	"			0817 6-15	44 1025 6-21	29	"	"	
		U2	"	"			0825 6-15	51 1044 6-21	27	"	"	
			0800 6-16-51	0800 6-16-51			0828 6-16	58 1054 6-21	28	25	"	

AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME		TOTAL HOURS	CFM	READINGS - DATE AND TIME		Bkgd / hr	Bkgd / 2 hr	RATIO	REMARKS
			START	STOP			1ST	2ND				
			0726 6-7-51				0820 6-7	112	29	23	21	
							0834 6-7	65	25			
							0848 6-7	53	26			
			0800 6-7-51				1002 6-7	53	31			
							1035 6-7	72	25	22		
	1411	U	0735 6-7-51	6-6-51			0802 6-7	47	27			
		F					0837 6-7	66	31			
							0910 6-7	150	31			
			0726 6-7-51	6-7-51			0815 6-7	100	33	21	22	
		F					0818 6-7	61	31			
		U2					0821 6-7	85	32	4		
			0800 6-7-51	6-7-51			0818 6-7	213	29			
		U	0730 6-7-51	6-8-51			0815 6-7	142	32	24	22	
		F					0818 6-7	80	26			
		U2					0818 6-7	121	41			
			0800 6-7-51	6-8-51			0835 6-7	200	34			
			0800 6-8-51	6-9-51			1030 6-11	50	43	26		
			0800 6-8-51	6-10-51			1645 6-11	53	42	4		
			0732 6-8-51	6-11-51			0932 6-11	187	89	4	24	7-2 0900
		F					0935 6-11	92	36			38
		U2					0833 6-11	222	162	22		
			0930 6-10-51	6-11-51			1037 6-11	115	34	26	24	
		U	0850 6-11-51	6-12-51			0825 6-11	114	39	22		
		F					0830 6-11	71				
		U2	0800 6-11-51	6-12-51			0839 6-11	186	37		26	

AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE 7-2

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME		TOTAL HOURS.	CFM	READINGS - DATE AND TIME		BKGD. 1ST	ENV. 2ND	REMARKS
			START	STOP			1ST	2ND			
						4	1029 F-30	73	22	20	
							1030 F-30	63			
							1048 F-16	79			
							1100 F-30	44			
							0930 F-31	36	25	23	
							0940 F-31	27			
							0950 F-31	36			
							1030 F-31	36			
	1406	V	0741 F-29-21	0904 F-30-11			0945 F-30	72	20	20	
		F					0949 F-30	60			
		U2					0953 F-30	70			
	1406		0900 F-30-11				1000 F-30	56	23		
	1406		0930 F-30-11				0935 F-30	64		25	
							0938 F-30	58			
		U3					1100 C-1	41			
	1406		0930 F-30-11				0930 F-30	122	23		
	1406	U	0930 F-30-11	0940 F-30-11			0860 C-1	82	24		
		F					0803 C-1	54			
		U2					0800 C-1	75			
	1406		0900 F-30-11	0930 F-30-11			0845 C-1	193			
	1406	U	0930 C-1-12				0820 C-1	99	25	22	
		F					0820 C-1	78			
		U2					0820 C-1	54			
	1406		1100 F-30-11	0900 F-30-11			0840 C-1	140			
	1406		0800 C-1-11				0855 C-1	57		23	
	1406		0900 F-30-11				0845 C-1	64			

AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE 11/11/54

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME		TOTAL HOURS.	CFM	READINGS - DATE AND TIME		Bgk/1	Bgk/2	REMARKS
			START	STOP			1ST	2ND			
		U	0731	0800			90	31	23	21	
		F					71	31			
								37			
							100	30		4	
							45		21		
							57	54	21	24	
		F					136	105			
		F						78			
		F					144	139			
			1000					52			
		F						16		21	
		F						28			
								26			
			0600	0630			28	35			
		U	0717				71	34	26	21	
		F					58	31			
		U					81	35			
			0450				101	35			
		C	0720				72	39		22	
		F					74	37			
		F						51			
			0830				140				
7-1122	1403	U	0730	0745			137	37	20		
		F					108	37			
		UL					156	36			
	delc		0800				274				
			0740				40				
			1420				59	36	22	4	

AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE 8/1

BLDG. ROOM	SITE ROOM	SITE NO.	SAMPLING DATE AND TIME		TOTAL HOURS.	CFM	READINGS - DATE AND TIME		Bkg d 1st	Bkg d 2nd	REMARKS
			START	STOP			1ST	2ND			
	1392	U	0719 5-9-52	0720 5-10-52			0820 5-10 60	0720 5-10 45	24	25	
		F	"	"			0820 5-10 55	1010 5-10 45	"	"	
		U2	"	"			0820 5-10 67	1010 5-10 47	"	"	
			0800 5-9-52	0800 5-10-52			0820 5-10 147	1010 5-10 58	"	"	
	1393	U	0720 5-10-52	0720 5-11-52			0820 5-11 61	1010 5-11 30	25	"	
		F	"	"			0820 5-11 62	1010 5-11 31	6	"	
		U2	"	"			0820 5-11 63	1010 5-11 31	6	"	
			0800 5-10-52	0800 5-11-52			0820 5-11 64	1010 5-11 33	25	"	
			0720 5-10-52	0720 5-11-52			0820 5-11 65	1010 5-11 38	"	"	
	1394	U	0735 5-10-52	0735 5-11-52			0820 5-11 128	1010 5-11 61	"	22	
		F	"	"			0820 5-11 92	1010 5-11 55	"	"	
		U2	"	"			0820 5-11 132	1010 5-11 73	"	"	
			0800 5-10-52	0800 5-11-52			0820 5-11 190	1010 5-11 40	"	"	
			0900 5-10-52	0900 5-11-52			0820 5-11 45	1010 5-11 30	"	21	
		U	0735 5-10-52	0735 5-11-52			0820 5-11 46	1350 5-11 51	21	21	
		F	"	"			0820 5-11 47	1350 5-11 48	"	"	
			"	"			0820 5-11 48	1350 5-11 51	"	"	
			0715 5-10-52	0715 5-11-52			0820 5-11 49	1350 5-11 51	"	"	
	1395	F	0740 5-10-52	0740 5-11-52			0820 5-11 200	1010 5-11 62	22	23	
			"	"			0820 5-11 150	1010 5-11 52	"	"	
		U2	"	"			0820 5-11 151	1010 5-11 84	"	"	
			0730 5-10-52	0730 5-11-52			0820 5-11 319	1010 5-11 52	"	"	1500 1010 015
	1397	U	0740 5-10-52	0740 5-11-52			0820 5-11 221	1010 5-11 60	23	21	
		F	"	"			0820 5-11 165	1010 5-11 52	"	"	
		U2	"	"			0820 5-11 231	1010 5-11 61	"	"	
			0800 5-10-52	0800 5-11-52			0820 5-11 335	1010 5-11 55	"	"	

AIRBORNE RADIOACTIVITY
(ALPHAS UNLESS OTHERWISE NOTED)

DATE 11

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME		TOTAL HOURS.	CFM	READINGS - DATE AND TIME		Bldg 1	Bldg 2	REMARKS
			START	STOP			1ST	2ND			
			0710 5-1-56	0730 5-1-56			0917 5-1-56 130	0917 5-1-56 63	23	21	
							0935 5-1-56 75	0935 5-1-56 58	"	"	
							0950 5-1-56 11	0950 5-1-56 73	"	"	
			0710 5-1-56	0730 5-1-56			0917 5-1-56 110	0917 5-1-56 47	"	"	
							0935 5-1-56 11	0935 5-1-56 36	2	23	
							0950 5-1-56 11	0950 5-1-56 36	"	23	
							0950 5-1-56 21	0950 5-1-56 41	"	23	
							0950 5-1-56 11	0950 5-1-56 32	"	"	
							1044 5-1-56 11	1044 5-1-56 44	21	26	
							0950 5-1-56 11	0950 5-1-56 31	"	"	
							0950 5-1-56 115	0950 5-1-56 45	"	"	
	272		0710 5-1-56	0730 5-1-56			0917 5-1-56 39	0917 5-1-56 39	26	"	
	1518		0710 5-1-56	0730 5-1-56			0917 5-1-56 44	0917 5-1-56 34	23	23	
							0950 5-1-56 11	0950 5-1-56 31	"	"	
							0950 5-1-56 11	0950 5-1-56 32	"	"	
							0950 5-1-56 54	0950 5-1-56 34	26	"	
			0710 5-1-56	0730 5-1-56			0917 5-1-56 11	0917 5-1-56 43	26	24	
							0950 5-1-56 11	0950 5-1-56 34	16	"	
							0950 5-1-56 11	0950 5-1-56 47	16	"	
							0950 5-1-56 11	0950 5-1-56 33	"	"	
1518	1510	U	0710 5-1-56	0730 5-1-56			0917 5-1-56 91	0917 5-1-56 31	23	"	
		F					0950 5-1-56 11	0950 5-1-56 32	"	"	
		U2					0950 5-1-56 11	0950 5-1-56 33	"	"	
	272		0710 5-1-56	0730 5-1-56			0917 5-1-56 67	0917 5-1-56 43	24	"	
	1517	U	0710 5-1-56	0730 5-1-56			0917 5-1-56 86	0917 5-1-56 41	"	25	1.6
		F					0950 5-1-56 11	0950 5-1-56 35	"	"	
		U2					0950 5-1-56 11	0950 5-1-56 47	"	"	
			0710 5-1-56	0730 5-1-56			0917 5-1-56 11	0917 5-1-56 43	"	"	

AIRBORNE RADIOACTIVITY

(ALPHAS UNLESS OTHERWISE NOTED)

DATE 3/28/68

BLDG.	ROOM	SITE NO.	SAMPLING DATE AND TIME		TOTAL HOURS.	CFM	READINGS - DATE AND TIME		SEC	REMARKS
			START	STOP			1ST	2ND		
			0701 4-18		72	4	0831 4-18	144	21	1010
		F					0839 4-18	118	23	2.5
	1372	U	0800 4-19-58	0725 4-19-58			0801 4-19	113	23	102
		F					0805 4-19	125	"	
	1373	U	0728 4-19-58	0720 4-19-58			0801 4-19	175	23	
		F					0804 4-19	155	"	
	1374	U	0740 4-19-58	0748 4-19-58			0826 4-19	133	23	12
		F					0829 4-19	94	"	
	1375	U	0748 4-19-58	0726 4-19-58			0807 4-19	124	24	
		F					0800 4-19	124	"	
		U	0726 4-19-58	0700 4-19-58			0804 4-19	131	22	
		F					0805 4-19	120	26	
	1377	U	0707 4-19-58	0700 4-19-58			0801 4-19	54	25	
		F					0800 4-19	53	23	
			0707 4-19-58				0806 4-19	168	23	1.1
							0809 4-19	01	23	
			0700 4-19-58	0700 4-19-58			0806 4-19	71	24	
							0806 4-19	63	"	
			0700 4-19-58	0730 4-19-58			0809 4-19	116	26	
							0809 4-19	22	26	
	1381	U	0734 4-19-58	0730 4-19-58			0822 4-19	119	24	
		F					0826 4-19	114	"	
	1382	U	0745 4-19-58	0730 4-19-58			0801 4-19	109	23	
		F					0804 4-19	107	"	
			0726 4-19-58	0740 4-19-58			0806 4-19	75	23	
							0807 4-19	69	"	
			0700 4-19-58				0807 4-19	61	21	
							0807 4-19	53	"	