(1) 2345 From Box# 4-3-3-16

ChemRisk/Shonka Research Associates, Inc., Document Request Form

#7

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Air Samples - 1952 K-1413 Building

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Date document received

Signature

AIR SAMPLES - 1952
K-1413 Building

This document has been approved for release to the public by:

J. Paston for A.S. Quist 8/2/95
Technical Information Officer Date
Oak Ridge K-25 Site

Union Carbide Nuclear Company, Oak Ridge Gaseous Diffusion Plant, Operating Contractor for the U.S. Atomic Energy Commission.

K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
~~12/26/52~~	~~12-8~~	~~.05~~	~~.02~~					
12/26/52	8-4	.05	.02					
"	4-12	.05	.02					
12/27/52	12-8	.04	.01					
"	8-4	.22	.03					
"	4-12	.21	.05					
12/28/52	12-8	.18	.02					
"	8-4	.15	.01					
"	4-12	.05	.09					
12/29/52	12-8	.22	.03					
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

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K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
12/22/52	12-8	.01	.00					
"	8-4	.03		.03				
	4-12							
	12-8							
12/23/52	8-4	.02	.06					
"	4-12	.03		.03				
12/24/52	12-8	.16	.03					
"	8-4	.04	.02					
"	4-12	.02	.00					
12/26/52	12-8	.06						
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

DEC 30 1952

J. A. Martin

CSW

2

K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2	C-1			
12/19/52	12-8	.06		.02				
"	8-4	.13		.03				
	4-12							
12/20/52	12-8	.10		.01				
"	8-4	.10		.02				
"	4-12	.00		.00	.09			
12/21/52	12-8	.03		.05				
"	8-4	.04		.01				
"	4-12	.13		.01				
12/22/52	12-8	.03	.01					
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

DEC 26 1952

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K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
	12-8							
12/16/52	8-4	.02	.01					
"	4-12	.14		.02				
12/17/52	12-8	.66		.01				
"	8-4	.15		.05				
"	4-12	.03		.07				
12/18/52	12-8	.06		.02				
"	8-4	.13		.03				
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

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DEC 23 1952

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K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
	12-8							
12/15/52	8-4	.32		.02	End Dec H.L.			
"	4-12	.26		.05				
12/16/52	12-8	.07		.06				
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

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CAN

K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
	12-8							
12/11/52	8-4	.30		.06				
"	4-12	.30						
12/12/52	12-8	.25		.02				
"	8-4	.16		.03				
"	4-12	.00		.00				
12/13/52	12-8	.70		.02				
"	8-4	.01		.04				
	4-12							
12/14/52	12-8	.09		.02				
"	8-4	.38		.03				
	4-12							
12/15/52	12-8	.12		.03				
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

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K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
	12-8							
12/5/52	8-4	.16						
"	4-12	.91						
12/6/52	12-8	.09						
"	8-4	.08						
"	4-12	.02						
12/7/52	12-8	.09						
"	8-4	.06						
"	4-12	.06						
12/8/52	12-8	.14						
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

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Looks like they just don't run when air may be high - what about the other two samp

K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
	12-8							
12/2/52	8-4	.01						
	4-12							
	12-8							
12/4/52	8-4	.88						
	4-12							
	12-8							
12/8/52	8-4	.22						
"	4-12	.22		.01				
12/9/52	12-8	.12		.01				
"	8-4	.05		.02				
	4-12							
12/10/52	12-8	.01 .19		.02				
"	8-4	.05						
"	4-12	.05		.02				
12/11/52	12-8	.09		.04				
	8-4							
	4-12							
	12-8							
	8-4							

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K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
	12-8							
12/1/52	8-4	.04						
"	4-12	.05						
12/2/52	12-8	.05						
"	8-4	.08						
"	4-12	.03						
	12-8							
12/3/52	8-4	.18						
"	4-12	.24						
12/4/52	12-8	.05						
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

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K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2	C-1			
11/28/52	12-8	.92						
	8-4							
11/28/52	4-12	.00						
11/29/52	12-8	.67						
"	8-4				.12			
"	4-12	.12						
11/30/52	12-8	.00			.24			
"	8-4	.57						
	4-12							
12/1/52	12-8				1.13			
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

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K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2	C-1			
	12-8							
	8-4							
11/15/52	4-12	.17		.00				
	12-8							
11/16/52	8-4	.10						
	4-12							
	12-8							
11/17/52	8-4	.06		.01				
"	4-12	.05		.01				
11/18/52	12-8	.14		.00				
"	8-4	.01		.05				
"	4-12	.00		.07				
11/19/52	12-8	.02		.01				
"	8-4	.07						
"	4-12	.36		.00				
11/20/52	12-8	.01		.00				
"	8-4	.01			.49			
	4-12							
	12-8							
	8-4							

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K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
11/21/52	12-8	.01						
"	8-4	.01						
"	4-12	.02						
11/22/52	12-8	.05						
"	8-4	.77						
"	4-12	.30						
11/23/52	12-8	.51						
"	8-4	.06						
"	4-12	.10						
11/24/52	12-8	1.47						
	8-4							
11/24/52	4-12	.24						
11/25/52	12-8	.15						
"	8-4	.13						
"	4-12	.04						
11/26/52	12-8	.06						
"	8-4	.04						
"	4-12	.02						
	12-8							
	8-4							

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K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
~~11/12/52~~	12-8							
11/12/52	8-4	.04		.00				
"	4-12	.08		.00				
11/13/52	12-8	.02		.00				
"	8-4	.06		.00				
"	4-12	.05		.01				
11/14/52	12-8	.03		.01				
/"	8-4	.01		.02				
"	4-12	.13		.00				
11/15/52	12-8	.11		.07				
"	8-4	.03		.13				
	4-12							
11/16/52	12-8	.04		.02				
"	8-4	No sample received		.01				
11/16/52	4-12	.28		.00				
11/17/52	12-8	.11		.01				
	8-4							
	4-12							
	12-8							
	8-4							

End 2 141

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K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
11/9/52	12-8	.07		.03				
11/10/52	8-4	.03	.00					
"	4-12	.05		.06				
11/11/52	12-8	.02		.03				
"	8-4	.03		.04				
"	4-12	.03		.02				
11/12/52	12-8	.03		.01				
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

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K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2	C-1			
	12-8							
11/9/52	8-4	.04		.01				
"	4-12	.03		.01	.11			
11/10/52	12-8	.04		.01				
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

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K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
	12-8							
11/3/52	8-4	.05		.05				
"	4-12	.10		.09				
11/4/52	12-8	.26		.10				
"	8-4	.41		.27				
"	4-12	.01		.01				
11/5/52	12-8	.11		.15				
"	8-4	.04		.04				
"	4-12	.08		.10				
11/6/52	12-8	.08		.15				
"	8-4	.14		.03				
"	4-12	.14		.02				
11/7/52	12-8	.11		.01				
"	8-4	.33		.12				
	4-12							
11/8/52	12-8	.08		.08				
"	8-4	.57		.07				
	4-12							
	12-8							
	8-4							

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K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
	12-8							
10/31/52	8-4	.06		.05				
"	4-12	.18		.06				
11/1/52	12-8	.42		.09				
"	8-4	.02		.31				
"	4-12	.04		.11				
11/2/52	12-8	.02		.04				
"	8-4	.02		.06				
"	4-12	.02		.01				
11/3/52	12-8	.04		.08				
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

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K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
	12-8							
10/23/52	8-4	.14		.01				
~~10/24/52~~	4-12							
	12-8							
10/24/52	8-4	.63		.03				
"	4-12	.21		.01				
10/25/52	12-8	.03		.01				
"	8-4	.09		.01				
"	4-12	.32		.06				
10/26/52	12-8	.00 .02	A Shift B Shift	.00 .02				
"	8-4	.15		.04				
"	4-12	.08		.02				
10/27/52	12-8	.03		.02				
"	8-4	2.69		.09				
"	4-12	.19		.04				
10/28/52	12-8	.29		.03				
	8-4							
10/28/52	4-12	.47		.04				
10/29/52	12-8	.76		.06				
	8-4							

NOV 4 1952

K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
	12-8							
	8-4							
10/29/52	4-12	.26		.06				
10/30/52	12-8	.12		.12				
"	8-4	.29		.14				
"	4-12	.88		.27				
10/31/52	12-8	.03		.23				
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

NOV 1952

K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
	12-8							
	8-4							
10/22/52	4-12	.61		.02				
10/23/52	12-8	.72		.03				
	8-4							
10/23/52	4-12	.58		.10				
10/24/52	12-8	.65		.11				
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

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OCT 28 1952

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K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
	12-8							
10/21/52	8-4	.07		.01				
"	4-12	.20		.01				
10/22/52	12-8	.34		.02				
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

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OCT 24 1952

K-1413 AIR SAMPLES

Date	Shift	A-1	B-1	B-2				
~~10/20/52~~	12-8							
10/20/52	8-4	.11		.00				
"	4-12	.24		.02				
10/21/52	12-8	.08		.01				
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							
	4-12							
	12-8							
	8-4							

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K-[illegible] A[illegible] Samples 205 cm. Marcus - Much better - let's try the values low or know the reason for all over tolerance numbers (as discussed)

Date	Shift	A-1	B-1	B-2					
	12-8								
10/17/52	8-4	1.44 .5		.02					
"	4-12	1.01 .4		.05					
10/18/52	12-8	.06		.06					
"	8-4	2.06 .83		.02					
"	4-12	.89		.05					
10/19/52	12-8	.44		.02					
"	8-4	.35		.04					
"	4-12	.01		.01					
10/20/52	12-8	.11		.03					
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								

OCT 22 1952

23

[illegible] Air Samples

Date	Shift	A-1	B-1	B-2					
	12-8								
10/14/52	8-4	1.00 .4	.07						
"	4-12	2.51 1.04		.02					
10/15/52	12-8	1.00 .4		.04					
"	8-4	.01		.03					
"	4-12	.13		.02					
10/16/52	12-8	.83		.03					
"	8-4	39.45 15.8		.05					
"	4-12	1.47 .59		.03					
10/17/52	12-8	.56		.06					
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								

End Oct. 16

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K-2413 Al[illegible]mples

Date	Shift	A-1	B-1	B-2					
10/10/52	12-8	2.07 .83		.03					
	8-4								
10/10/52	4-12	.08		.02					
10/11/52	12-8	2.32 .93		.00					
"	8-4	.71		.02					
"	4-12	1.32 .5 .50	.01	.01	(Two samples taken)				
10/12/52	12-8	.48	.01						
"	8-4	2.79 1.1		.01					
"	4-12	1.20 .48		.06					
10/13/52	12-8	84.52 34.0	.56						
"	8-4	41.21 16.5	.19						
	4-12								
10/14/52	12-8	.53		~~10~~ .01					
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								

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K-413 Air Samples

Date	Shift	A-1	B-1	B-2
	12-8			
10/8/52	8-4	.14		.08
"	4-12	.43		.01
10/9/52	12-8	.34		.04
"	8-4	~~1.0~~ .40 corrected		.02
"	4-12	.27		.00
	12-8			
	8-4			
	4-12			
	12-8			
	8-4			
	4-12			
	12-8			
	8-4			
	4-12			
	12-8			
	8-4			
	4-12			
	12-8			
	8-4			
	4-12			

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K-[illegible]4 13 Air Samples

Date	Shift	A_1	B_1
10/6/52	8-4	.03	.04
"	4-12	(2.66) .06 ✓	.61
10/7/52	12-8	(2.67) .07 ✓	.15
"	8-4	(3.15) .26 ✓	.14
"	4-12	(1.97) .788	.908 (2.27)
10/8/52	12-8	(1.81) .724	.10

K-1413 Air Samples

Date	Shift	A-1	B-1	B-2					
	12-8	corrected to							
10/3/52	8-4	~~1.44~~ .576	.21						
"	4-12	.01	.01						
10/4/52	12-8	.15	.03						
"	8-4	.04	.00						
"	4-12	.03	.07						
10/5/52	12-8	.01	.03						
"	8-4	.01	.03						
"	4-12	.00	.00						
10/6/52	12-8	.01	.05						
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								

J. A. Martin

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K-1413 Air Samples

Date	Shift	A-1	B-1	B-2
	12-8			
9/30/52	8-4	.13		.01
"	4-12	.12		.05
10/1/52	12-8	.07		.05
"	8-4	~~16.75~~ Corrected to 6.692	.08	
	4-12			
10/2/52	12-8	.10		.03
"	8-4		.07	
"	4-12	.48	.09	
	12-8			
	8-4			
	4-12			
	12-8			
	8-4			
	4-12			
	12-8			
	8-4			
	4-12			
	12-8			
	8-4			
	4-12			

.25 .15

29

RECEIVED OCT 4 1952

K-1413 Air Samples

Date	Shift	A-1	B-1	B-2					
	12-8								
9/25/52	8-4	.02	~~.04~~	.04					
"	4-12	.00	.00						
9/26/52	12-8	.02	.03						
"	8-4	.10		.06					
"	4-12	.00		.00					
9/27/52	12-8	.00		.00					
"	8-4	.18	.07						
	4-12								
9/28/52	12-8	.00		.00					
"	8-4	.10	.02						
"	4-12	.88	.08						
9/29/52	12-8	.12		.08					
"	8-4	.16		.02					
"	4-12	.15		.02					
9/30/52	12-8	.05		.02					
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
1951		1.78	.20	.4					

SHAKER operations
Sampler recalibrated pulling 2.5 cfm
WB

RECEIVED OCT 3 1952

J.A. Martin

30

K-1413 Air Samples

Date	Shift	A-1	B-1	B-2					
	12-8								
9/23/52	8-4	.04		.05					
"	4-12	.14		.05					
9/24/52	12-8	.03		.02					
"	8-4	.03		.01					
"	4-12	.30	.01						
9/25/52	12-8	.22	.02						
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								

RECEIVED
OCT 3 1952
H2

31

K-1413 Air Samples

UHB

Date	Shift	A-1	B-1	B-2
	12-8			
9/18/52	8-4	.03		
"	4-12	.03	.01	.03
9/19/52	12-8	.04	.01	.02
"	8-4	.06	.02	.30
	4-12			
9/20/52	12-8	.02	.00	.01
"	8-4	.05	.02	.03
"	4-12	.11	.02	.01
9/21/52	12-8	.01	.01	.02
"	8-4	.05	.01	.01
"	4-12	.04		.04
9/22/52	12-8	.09	.05	
	8-4			
9/22/52	4-12	.05		.04
9/23/52	12-8	.03		.01
19	8-4			
	4-12			
	12-8			
	8-4			
	4-12			
		.61	.15	.52

RECEIVED OCT 1 1952

J. Martin

32

K-1413 Air Samples

Date	Shift	A-1	B-1	B-2
	12-8			
9/17/52	8-4	.02	.02	.03
"	4-12	.00	.01	.00
9/18/52	12-8	.02	.01	.01
	8-4			
	4-12			
	12-8			
	8-4			
	4-12			
	12-8			
	8-4			
	4-12			
	12-8			
	8-4			
	4-12			
	12-8			
	8-4			
	4-12			
	12-8			
	8-4			
	4-12			
		.04	.04	.04

RECEIVED SEP 25 1952

J. A. Martin

33

K-1413 Air Samples

Date	Shift	A-1	B-1	B-2					
	12-8								
9/15/52	8-4	.09	.01	.03					
"	4-12	.06 ✓	.11	.06					
~~9/16/52~~	12-8								
9/16/52	8-4	.12	.01	.01					
"	4-12	.01	.00	.01					
9/17/52	12-8	.02	.01	.01					
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
		.30	.14	.2					

Sept

102

34

J. A. Martin

RECEIVED
SEP 24 1952

[illegible] Samples

Date	Shift	A-1	B-1	B-2					
	12-8								
9/11/52	8-4	.01	.03	.04					
"	4-12	.02	.01	.02					
9/12/52	12-8	.01	.01	.01					
"	8-4	.03	.05	.06					
"	4-12	.03	.03	.02					
9/13/52	12-8	.08	.04	.02					
	8-4								
9/13/52	4-12	.05	.03	.11					
9/14/52	12-8	.10	.04	.01					
"	8-4	.12	.06	.11					
"	4-12	.07	.03	.03					
9/15/52	12-8	.10	.06	.10					
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
		.62	.39	.53					

RECEIVED SEP 23 1952

35

K-1413 Air Samples

Date	Shift	A-1	B-1	B-2					
	12-8								
9/5/52	8-4	.01	.02	.02					
9/5/52	4-12	.02	.02	.00					
9/6/52	12-8	.01	.01	.02					
9/6/52	8-4	.02	.01	.02					
9/6/52	4-12	.00	.00	.01					
9/7/52	12-8	.01	.00	.01					
9/7/52	8-4	.01	.01	.02					
9/7/52	4-12	.01	.01	.01					
9/8/52	12-8	.00	.01	.02					
9/8/52	8-4	.02	.04	.03					
9/8/52	4-12	.02	.01	.02					
9/9/52	12-8	.01	.01	.02					
9/9/52	8-4	.02	.00	.01					
9/9/52	4-12	.01	.02	.02					
9/10/52	12-8	.01	.01	.01					
9/10/52	8-4	.04	.05	.22					
9/10/52	4-12	.03	.01	.02					
9/11/52	12-8	.01	.01	.03					
	8-4								
	4-12								
		.24	.25	.51					

RECEIVED
SEP 18 1952

36

K-1413 Air Samples

Date	Shift	A-1	B-1	B-2					
9/5/52	12-8	.04	.02	.02					
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
		.04	.02	.02					

RECEIVED
SEP 12 1952

37

K-1413 Air mples

Date	Shift	A-1	B-1	B-2					
	12-8								
8/29/52	8-4	.01	.01						
"	4-12	.01	.01						
8/30/52	12-8	.01	.01						
"	8-4	.02	.00						
"	4-12	.01	.00						
~~8/31/52~~	12-8								
8/31/52	8-4	.01	.00						
"	4-12	.02	.01						
9/1/52	12-8	.00	.02						
	8-4								
	4-12								
9/2/52	12-8	.00	.00						
"	8-4	.01	.01						
"	4-12	.01	.02						
9/3/52	12-8	.00	.00						
"	8-4	.02	.01						
"	4-12	.01	.01						
9/4/52	12-8	.00	.01						
"	8-4	.02	.01						
"	4-12	.02	.04	.02					
		.08	.11	.02					

.09 .07

38

RECEIVED SEP 12 1952

K-1413 Air Samples

Date	Shift	A-1	B-1						
	12-8								
8/25/52	8-4	.00	.01						
"	4-12	.01	.00						
~~8/26/52~~	~~12-8~~	~~.00~~	~~.02~~						
	8-4								
	4-12								
8/26/52	12-8	.00	.02						
"	8-4	.02	.00						
"	4-12	.00	.01						
	12-8								
8/27/52	8-4	.00	.00						
"	4-12	.00	.01						
8/28/52	12-8	.02	.02						
"	8-4	.02	.02						
"	4-12	.04	.03						
8/29/52	12-8	.02	.02						
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
		.13	.14						

RECEIVED SEP 12 1952

39

1952 [illegible] Samples 8-22 - 8-25

Shifts 8 to 4 - 12 to 8

Date	Shift	A-1	B-1						
	12-8								
8-22	8-4	.04	.03						
"	4-12	.05	.03						
8-23	12-8	.03	.04						
"	8-4	.04	.06						
"	4-12	.05	.02						
8-24	12-8	.04	.04						
"	8-4	.03	.03						
"	4-12	.03	.03						
8-25	12-8	.02	.02						
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
		.33	.30						

RECEIVED SEP 6 1952

J.N. Martin

40

1952 K-1413 Air Samples 8-17 — 8-23

Date	Shift	A-1	B-1						
8-17	12-8	.03	.02						
"	8-4	.02	.01						
"	4-12	.01	.02						
8-18	12-8	.01	.01						
"	8-4	.04	.03						
"	4-12	.05	.04						
8-19	12-8	.01	.01						
"	8-4	.01	.01						
"	4-12	.01	x						
8-20	12-8	.02	.04						
"	8-4	.03	.02						
"	4-12	.02	.02						
8-21	12-8	.02	.03						
"	8-4	.02	.02						
"	4-12	.03	.03						
8-22	12-8	.02	.03						
"	8-4								
"	4-12								
8-23	12-8	not rcd	8/24/52						
"	8-4								
"	4-12								
		.3	.4						

RECEIVED SEP 2 1952

14

1952

K-1413 Al Samples

8-10 — 8-16.

Date	Shift	A-1	B-1						
8-10	12-8	.01	.01						
"	8-4	.	.01						
"	4-12	.01	.01						
8-11	12-8	.02	.01						
"	8-4	.01	.02						
"	4-12	.01	.00						
8-12	12-8	.01	.00						
"	8-4	.05	.04						
"	4-12	.03	.04						
8-13	12-8	.04	.03						
"	8-4	.02	.01						
"	4-12	.02	.01						
8-14	12-8	.04	.04						
"	8-4	.03	.03						
"	4-12	.03	.02						
8-15	12-8	.04	.03						
"	8-4	.03	.04						
"	4-12	.01	.01						
8-16	12-8	.02	.04						
"	8-4	.04	.05						
"	4-12	.03	.02						
		.50	.47						

Aug 7 L.

42

RECEIVED
SEP 2 1952

1952 K-1413 Air Samples 8-3 — 8-9 inc

Date	Shift	A-1	B-1						
8-3	12-8	.00	.01						
"	8-4	.03	.04						
"	4-12	.00	.01						
8-4	12-8	.00	.02						
"	8-4	.04	.03						
"	4-12	.01	.02						
8-5	12-8	.01	.01						
"	8-4	.01	.02						
"	4-12	.02	.02						
8-6	12-8	.01	.01						
"	8-4	.01	.02						
"	4-12	.03	.07						
8-7	12-8	.03	.02						
"	8-4	.01	.01						
"	4-12	.02	.02						
8-8	12-8	.02	.01						
"	8-4	.01	.02						
"	4-12	.02	.01						
8-9	12-8	.01	.01						
"	8-4	.02	.03						
"	4-12	.01	.01						
		.32	.43						

RECEIVED AUG 15 1952

J C Martin

Aug 43

1952

K-1413 Air Samples

7-27 — 8-2 inc

Date	Shift	A-1	B-1
7-27	12-8	.01	.02
"	8-4	.01	.01
"	4-12	.03	.05
7-28	12-8	.06	.02
"	8-4	.10	.03
"	4-12	.02	.01
7-29	12-8	.01	.02
"	8-4	.01	.01
"	4-12	.06	.05
7-30	12-8	.03	.04
"	8-4	.04	.02
"	4-12	.07	.06
7-31	12-8	.04	.03
"	8-4	.05	.01
"	4-12	.01	.02
8-1	12-8	.01	.01
"	8-4	.01	.01
"	4-12	.02	.01
8-2	12-8	.01	.01
"	8-4	.01	.01
"	4-12	.01	.01

.55 .49

Avg .07 .06

RECEIVED
AUG 15 1952

8/6/52

1952

K-1413 Air Samples

7-20 — 7-26 incl.

Date	Shift	A-1	B-1						
7-20	12-8	.01	.03						
"	8-4	.02	.02						
"	4-12	.01	.01						
7-21	12-8	.02	.00						
"	8-4	.01	.00						
"	4-12	.02	.01						
7-22	12-8	.02	.01						
"	8-4	.01	.01						
"	4-12	.01	.01						
7-23	12-8	.01	.01						
"	8-4	.01	.03						
"	4-12	.01	.01						
7-24	12-8	.01	.01						
"	8-4	.02	.02						
"	4-12	.02	.02						
7-25	12-8	.03	.01						
"	8-4	.02	.01						
"	4-12	.01	.01						
7-26	12-8	.01	.01						
"	8-4	.01	.01						
"	4-12	.02	.02						
		.31	.41						

RECEIVED AUG 6 1952

J. Johnson

45

K-1413 Air Samples

7-13 - 7-19 inc.

1952 Date	Shift	A-1	B-1						
7-13	12-8	x	x						
"	8-4	.02	.02						
"	4-12	x	x						
7-14	12-8	x	x						
"	8-4	x	x						
"	4-12	x	x						
7-15	12-8	x	x						
"	8-4	x	x						
"	4-12	x	x						
7-16	12-8	.02	.01						
"	8-4	x	x						
"	4-12	.03	.02						
7-17	12-8	.01	.00						
"	8-4	.04	.07						
"	4-12	.03	.05						
7-18	12-8	x	x						
"	8-4	.04	.05						
"	4-12	.01	.03						
7-19	12-8	.01	.00						
"	8-4	.02	.01						
"	4-12	.03	.02						
		.26	.28						

July 1951

RECEIVED JUL 31 1952

J. Amarlin 7/31

*OHB

46

K-1413 Air Samples

1952 7-6 - 7-12 inc

Date	Shift	A-1	B-1						
7-6	12-8	.03	.01						
"	8-4	.00	.01						
"	4-12	x	x						
7-7	12-8	x	x						
"	8-4	x	x						
"	4-12	x	x						
7-8	12-8	.01	.00						
"	8-4	.00	.01						
"	4-12	x	x						
7-9	12-8	x	x						
"	8-4	.04	.03						
"	4-12	x	x						
7-10	12-8	x	x						
"	8-4	x	x						
"	4-12	.02	.01						
7-11	12-8	.02	.01						
"	8-4	.04	.03						
"	4-12	.04	.03						
7-12	12-8	.04	.03						
"	8-4	.04	.03						
"	4-12	.04	.03						
		.32	.23						

RECEIVED JUL 31 1952

J. A. Martin 7/31

AHB

47

12

K-1413 Air Samples

6-29 - 7-5-52

1952 Date	Shift	A-1	B-1						
6-29	12-8	.00	.01						
"	8-4	.01	.01						
"	4-12	.01	.00						
6-30	12-8	.x	x						
"	8-4	x	x						
"	4-12	.11	.08						
7-1	12-8	.03	.03						
"	8-4	.x	x						
"	4-12	.x	x						
7-2	12-8	.02	.00						
"	8-4	01	.02						
"	4-12	.04	01						
7-3	12-8	.01	.01						
"	8-4	.01	.01						
"	4-12	.01	.01						
7-4	12-8	x	x						
"	8-4	x	x						
"	4-12	x	x						
7-5	12-8	.02	.15						
"	8-4	.12	.01						
"	4-12	.00	.01						
		July .27	.16						

RECEIVED JUL 17 1952

J. Martin

48

K-1413 Air Samples

6-22-52 — 6-[illegible]-52

Date	Shift	A-1	B-1						
6-22	12-8	.01	.01						
"	8-4	x	x						
"	4-12	x	x						
6-23	12-8	.02	x						
"	8-4	.01	.02						
"	4-12	x	x						
6-24	12-8	x	x						
"	8-4	x	x						
"	4-12	x	x						
6-25	12-8	x	x						
"	8-4	x	x						
"	4-12	x	x						
6-26	12-8	x	x						
"	8-4	x	.01						
"	4-12	x	x						
6-27	12-8	.01	.01						
"	8-4	x	x						
"	4-12	x	x						
6-28	12-8	.05	.05						
"	8-4	x	x						
"	4-12	x	x						
		.10	.10						
		.08	1.45						

Total 10
Total act. .20
av. act .05

RECEIVED
JUL 8 1952

49

K-1413 Air Samples

6-15-52 to 6-21-52

Date	Shift	A-1	B-1						
6-15	12-8	x	x						
"	8-4	x	x						
"	4-12	.01	.01						
6-16	12-8	.01	.01						
"	8-4	.01	.01						
"	4-12	.01	.00						
6-17	12-8	.01	.01						
"	8-4	.01	.01						
"	4-12	.01	.01						
6-18	12-8	x	x						
"	8-4	.01	.01						
"	4-12	.02	.02						
6-19	12-8	x	x						
"	8-4	x	x						
"	4-12	x	x						
6-20	12-8	.02	.00						
"	8-4	.01	.01						
"	4-12	.02	.00						
6-21	12-8	x	x						
"	8-4	x	x						
"	4-12	x	x						

HL June

Total 24
Total act. .25
ave act. .01

RECEIVED JUL 8 1952

J. A. Martin

98 1.25 .10

50

K-1413 Air Samples

6-8-52 to 6-14-52

Date	Shift	A-1	B-1						
6-8	12-8	.00	.01						
"	8-4	.01	.03						
"	4-12	.05	.01						
6-9	12-8	.01	.01						
"	8-4	x	x						
"	4-12	.01	.01						
6-10	12-8	.04	.01						
"	8-4	.02	.01						
"	4-12	.00	.01						
6-11	12-8	.00	.00						
"	8-4	.02	.02						
"	4-12	.01	.00						
6-12	12-8	.02	.01						
"	8-4	.00	.01						
"	4-12	.02	.02						
6-13	12-8	x	x						
"	8-4	.01	.00						
"	4-12	x	x						
6-14	12-8	x	x						
"	8-4	x	x						
"	4-12	.07	.02						

Total 32
Total net 0.46
Organic 0.014

RECEIVED
JUL 1 1952

J. E. Martin

51

74 1.00

K-1413 Air Samples

1. 3. 1. 6-1-52 to 6-7-52 incl.

Date	Shift	A-1	B-1						
6-1-52	12-8	.10	.03						
"	8-4	.00	.00						
"	4-12	.01	.01						
6-2	12-8	.02	.00						
"	8-4	.01	.01						
"	4-12	.00	.01						
6-3	12-8	.02	.02						
"	8-4	.03	.02						
"	4-12	.02	.01						
6-4	12-8	.01	.02						
"	8-4	.04	.01						
"	4-12	.01	.00						
6-5	12-8	.00	.01						
"	8-4	.00	.00						
"	4-12	.01	.01						
6-6	12-8	.01	.01						
"	8-4	.01	.01						
"	4-12	.01	.01						
6-7	12-8	.00	.00						
"	8-4	.01	.01						
"	4-12	.01	.01						

Total 42
Total activity 0.54
Average 0.012

J. A. Martin

RECEIVED JUL 1 1952

52

42 .54

1952

K-1413 Air Samples

5-25 — 5-31 Inc

Date	Shift	A-1	B-1						
5-25	12-8	.00	.01						
"	8-4	x	x						
"	4-12	x	.00						
5-26	12-8	.01	.01						
"	8-4	.01	x						
"	4-12	.01	.01						
5-27	12-8	x	x						
"	8-4	.01	.00						
"	4-12	.01	.01						
5-28	12-8	.02	.00						
"	8-4	.01	.01						
"	4-12	.01	.00						
5-29	12-8	.00	.00						
"	8-4	.01	.00						
"	4-12	x	x						
5-30	12-8	x	x						
"	8-4	x	x						
"	4-12	x	x						
5-31	12-8	x	x						
"	8-4	.01	.00						
"	4-12	x	x						
		.11	.05						

Total 24

Total act - 0.16

Avg = .0066

RECEIVED JUN 12 1952

J. A. Martin

53

K-1413 Air Samples

5-18 – 5-24

1952 Date	Shift	A-1	B-1						
5-18	12-8	.02	.01						
"	8-4	.04	.01						
"	4-12	x	x						
5-19	12-8	.01	.01			Total count	0.24		
"	8-4	.00	.01			Avg count	0.0025		
"	4-12	.02	.00						
5-20	12-8	.00	.01						
"	8-4	.01	.01						
"	4-12	.01	.01						
5-21	12-8	.01	.00						
"	8-4	.02	.00						
"	4-12	.00	.01						
5-22	12-8	.00	.00	Total 32					
"	8-4	x	x						
"	4-12	x	x						
5-23	12-8	x	x						
"	8-4	.01	.00						
"	4-12	.01	.00						
5-24	12-8	.00	.00						
"	8-4	.00	x						
"	4-12	.00							

RECEIVED JUN 9 1952

J. C. Martin

54

1952

K-1413 Air Samples

5-11 — 5-17 Inc.

Date	Shift	A-1	B-1						
5-11	12-8	.04	.03						
"	8-4	.01	.12						
"	4-12	.01	.08						
5-12	12-8	.02	.08				Total Act.	0.65	
"	8-4	x	x				Avg Act.	0.0185	
"	4-12	x	x						
5-13	12-8	.04	.01						
"	8-4	.0							
"	4-12	.01	.00						
5-14	12-8	.01	.00						
"	8-4	.03	.01						
"	4-12	.18	.01						
5-15	12-8	.00	.01						
"	8-4	.03	.03						
"	4-12	.01	.01						
5-16	12-8	.02	.00						
"	8-4	x	x						
"	4-12	.02	.01						
5-17	12-8	.01	.01						
"	8-4	.01	.06						
"	4-12	.01	.04						

Total 35

RECEIVED JUN 9 1952

55

K-1413 Air Samples

5-4 — 5-10 inc.

1952 Date	Shift	A-1	B-1						
5.4	12-8	.00	.00						
"	8-4	.05	.01						
"	4-12	.01	.00						
5-5	12-8	.00	.00						
"	8-4	.01	.00			Total act.	2.39		
"	4-12	.02	.00			Avg act	.0628		
5-6	12-8	.01	.00						
"	8-4	.20	.03						
"	4-12	x	x						
5-7	12-8	.06	.02						
"	8-4	.02	.12						
"	4-12	.01	.01						
5-8	12-8	.02	.01						
"	8-4	.01	.01						
"	4-12	.01	.01	Total	38				
5-9	12-8	.02	.01						
"	8-4	.01	.00						
"	4-12	.00	.00						
5-10	12-8	.08	.08						
"	8-4	.92	.02						
"	4-12	x	x						

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JUN 9 1952
WPS

J. C. Martin

56

1952

K-1413 Air Samples

4-27 — 5-3

Date	Shift	A-1	B-1						
4-27	12-8	.02	.00						
"	8-4	.04	.00						
"	4-12	.00	.00						
4-28	12-8	.02	.00						
"	8-4	.32	.00						
"	4-12	x	x						
4-29	12-8	.45	.04						
"	8-4	.02	.02						
"	4-12	.11	.01						
4-30	12-8	.03	.01						
"	8-4	.03	.00						
"	4-12	.00	.01						
5-1	12-8	.01	.01						
"	8-4	.01	.01						
"	4-12	.01	.00						
5-2	12-8	.01	.01						
"	8-4	.03	.01						
"	4-12	.01	.01						
5-3	12-8	.01	.00						
"	8-4	.04	.01						
"	4-12	x	x						

Total - 38

57

K-1413 Air Samples

4-20 — 4-26

1952 Date	Shift	A-1	B-1						
4-20	12-8	.02	.01						
"	8-4	x	x						
"	4-12	.01	.01						
4-21	12-8	x	x						
"	8-4	.01	.01						
"	4-12	.03	.01						
4-22	12-8	x	x						
"	8-4	.02	.00						
"	4-12	.03	.00						
4-23	12-8	.01	.00						
"	8-4	.02	.01						
"	4-12	.11	.00						
4-24	12-8	.01	.01						
"	8-4	.01	.01						
"	4-12	.01	.01						
4-25	12-8	.01	.00						
"	8-4	.01	.02						
"	4-12	.08	.00						
4-26	12-8	.00	.01						
"	8-4	.11	.01						
"	4-12	x	x						

Total 34

RECEIVED MAY 12 1952

58

K-1413 Air Samples

4-13 — 4-19 inc

	Date	Shift	A-1	B-1						
1952	4-13	12-8	.00	.00						
	"	8-4	.01	.01						
	"	4-12	.00	.00						
	4-14	12-8	.00	.00						
	"	8-4	.01	.00						
	"	4-12	.02	.00						
	4-15	12-8	.20	.01						
	"	8-4	.01	.01						
High Light	"	4-12	~~.01~~	~~.01~~ Highlight						
	4-16	12-8	.01	.00						
	"	8-4	.01	.01						
	"	4-12	.04	.02						
	4-17	12-8	.01	.01						
	"	8-4	.01	.02						
	"	4-12	X	.01						
	4-18	12-8	.03	X						
	"	8-4	.01	.00						
	"	4-12	.01	.01						
	4-19	12-8	.02	.02						
	"	8-4	.01	.01						
	"	4-12	.01	.00						

RECEIVED
APR 29 1952

59

1952

K-1413 Air Samples

Apr. 6 — Apr. 12 2nd.

Date	Shift	A-1	B-1						
4-6	12-8	x	x						
"	8-4	.00	.01						
"	4-12	.00	01						
4-7	12-8	.04	.01						
"	8-4	.02	.01						
"	4-12	.01	.01						
4-8	12-8	.02	.02						
"	8-4	.02	.02						
"	4-12	.01	.01						
4-9	12-8	.02	.02						
"	8-4	.02	.01						
"	4-12	.03	.01						
4-10	12-8	02	.01						
"	8-4	.02	.00						
"	4-12	.01	.09						
4-11	12-8	.00	.01						
"	8-4	.00	.00						
"	4-12	.00	.00						
4-12	12-8	x	x						
"	8-4	.00	.00						
"	4-12	.01	.00						

Total 38

RECEIVED
APR 29 1952

60

1952

K-1413 Air Samples

Mar. 30 - Apr. 5, d.

Date	Shift	A-1	B-1						
3-30	12-8	.00	.00						
"	8-4	.01	.01						
"	4-12	.00	.00						
3.31	12-8	.00	.00						
"	8-4	.00	.00						
"	4-12	.00	.00						
4-1	12-8	.00	.01						
"	8-4	.02	.01						
"	4-12	.01	.01						
4-2	12-8	.00	.00						
"	8-4	.01	.00						
"	4-12	.01	.00						
4-3	12-8	.00	.00						
"	8-4	.01	.01						
"	4-12	x	x						
4-4	12-8	.01	.01						
"	8-4	.00	.00						
"	4-12	.01	.00						
4.5	12-8	.02	.00						
"	8-4	.02	.01						
"	4-12	x	x						

Total 38

RECEIVED APR 14 1952

J. Thornton

K-1413 Air Samples

Mar. 23 – Mar. 29, inc

Date	Shift	A-1	B-1
1952 3-23	12-8	.01	.03
"	8-4	.01	.03
"	4-12	.01	.03
3-24	12-8	.01	.00
"	8-4	.02	.01
"	4-12	.01	.01
3-25	12-8	x	x
"	8-4	.01	.01
"	4-12	.00	.01
3-26	12-8	.01	.02
"	8-4	.02	.01
"	4-12	.01	.02
3-27	12-8	.01	.01
"	8-4	.01	.01
"	4-12	.01	.01
3-28	12-8	.01	.02
"	8-4	.00	.01
"	4-12	.01	.01
3-29	12-8	.01	.01
"	8-4	.01	.01
"	4-12	.00	.01

RECEIVED APR 9 1952

HO

62

Mar. 16 – Mar. 22 Incl.

	Date	Shift	A-1	B-1						
1952	3-16	12-8	.02	.02						
	✓	8-4	.03	.02						
	✓	4-12	.02	.04						
	3-17	12-8	.02	.02						
	✓	8-4	.x	x						
	✓	4-12	.02	.02						
	3-18	12-8	.01	.01						
	✓	8-4	.02	.01						
	✓	4-12	.01	.01						
	3-19	12-8	.01	.01						
	✓	8-4	.01	.02						
	✓	4-12	.01	.01						
	3-20	12-8	.03	.01						
	✓	8-4	.01	.00						
	✓	4-12	.05	.02						
	3-21	12-8	.01	.01						
	✓	8-4	.00	.04						
	✓	4-12	.00	.04						
	3-22	12-8	.00	00						
	✓	8-4	.02	.02						
	✓	4-12	.03	.03						

Total 440

RECEIVED
APR 8 1952

63

K-1413 Air samples

Mar. 9- Mar. 15 incl.

	Date	Shift	A-1	B-1						
1952	3-9	12-8	.02	.02						
	✓	8-4	.03	.09						
	✓	4-12	.09	.06						
	3-10	12-8	.06	.07						
	✓	8-4	.06	.26						
	✓	4-12	.04	.06						
	3-11	12-8	.03	.01						
	✓	8-4	x	x						
	✓	4-12	.03	.01						
	3-12	12-8	.01	.01						
	✓	8-4	.01	.01						
	✓	4-12	.01	.02						
	3-13	12-8	.02	.03						
	✓	8-4	x	x						
	✓	4-12	.02	.01						
	3-14	12-8	.02	.02						
	✓	8-4	.02	.02						
	✓	4-12	.02	.02						
	3-15	12-8	x	x						
	✓	8-4	x	x						
64	✓	4-12	.02	.04						

Total 34

RECEIVED MAR 25 1952 WS.

March highlights

K-1413 Air Samples

Mar. 2 — Mar. 8 Inc.

	Date	Shift	A-1	B-1						
1952	3-2	12-8	.04	.45						
	✓	8-4	.02	.06						
	✓	4-12	.05	.04						
	3-3	12-8	x	x						
	✓	8-4	.12	.02						
	✓	4-12	.03	.03						
	3-4	12-8	.03	.02						
	✓	8-4	x	.11						
	✓	4-12	x	.09						
	3-5	12-8	x	x						
	✓	8-4	.05	.03						
	✓	4-12	.02	.08						
	3-6	12-8	.02	.04						
	✓	8-4	.01	.09						
	✓	4-12	x	x						
	3-7	12-8	.02	.01						
	✓	8-4	.02	.07						
	✓	4-12	x	x						
	3-8	12-8	x	x						
	✓	8-4	x	x						
65	✓	4-12	x	x						

Total 26

RECEIVED
MAR 25 1952
US

J. H. Martin

K-1413 Air Samples

Feb. 26 — Mar 1. inc.

1952

Date	Shift	A-1	B-1						
2-26	12-8	x	x						
✓	8-4	x	.07						
✓	4-12	x	x						
2-27	12-8	x	x						
✓	8-4	.01	.32						
✓	4-12	x	x						
2-28	12-8	.18	x						
✓	8-4	x	x						
✓	4-12	x	x						
3-1	12-8	x	x						
✓	8-4	.01	.30						
✓	4-12	x	x						
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								
	12-8								
	8-4								
	4-12								

Total - 6

RECEIVED MAR 25 1952 WS

J. A. Martin

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1-8-52 — X-14-52 1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
1-8-52	12-8	.02	.03	.06	.02	.04	.00
	8-4	.04	.01	.01	.01	.01	.01
	4-12	.01	.02	.18	.08	.04	.02
1-9-52	12-8	.01	.01	.01	.03	.10	.02
	8-4	.03	.03	.02	.03	.03	.04
	4-12	.02	.07	.02	.02	.02	.04
1-10-52	12-8	.02	.04	.03	.02	.04	.02
	8-4	.02	.04	.04	.03	.03	.02
	4-12	.02	.02	.02	.02	.01	.04
1-11-52	12-8	.01	.01	.01	.05	.02	.04
	8-4	.03	.02	.01	.01	.01	.03
	4-12	.05	.01	.01	.01	.02	.09
1-12-52	12-8	.02	.02	.02	.00	.01	.05
	8-4	.02	.04	.02	.03	.02	.01
	4-12	.01	.02	.08	.01	.03	.02
1-13-52	12-8	.02	.01	.01	.01	.01	.02
	8-4	.02	.04	.08	.01	.02	.02
	4-12	.02	.04	.04	.02	.04	.07
1-14-52	12-8	.03	.01	.02	.02	.02	.02
	8-4	.20	.05	.02	X	.02	.04
	4-12	.02	.04	.15	.15	.07	.03

Total 125

RECEIVED
JAN 24 1952
WB

Jan 7th 9 hl. gets

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1-1-52 — 1-7-52

-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
1-1-52	12-8						
	8-4	Holiday					
	4-12						
1-2-52	12-8	.00	.01	.00	.00	.00	.03
	8-4	.01	.02	.01	.01	.02	x
	4-12	.04	.01	.01	.02	.02	x
1-3-52	12-8	.06	.03	.03	.01	.03	x
	8-4	.02	.01	.03	.04	.07	x
	4-12	.02	.02	.02	.01	.02	.26
1-4-52	12-8	.01	.01	.01	.02	.02	x
	8-4	.03	.01	.01	.05	.01	x
	4-12	.04	.05	.01	.02	.01	.05
1-5-52	12-8	.02	.02	.03	.01	.05	.14
	8-4	.01	.01	.01	.01	.01	x
	4-12	.07	.01	.01	.01	.01	.01
1-6-52	12-8	x	x	x	x	x	x
	8-4	x	x	x	x	x	x
	4-12	x	x	x	x	x	x
1-7-52	12-8	.01	.01	.01	.00	.09	.13
	8-4	.03	.01	.03	.01	.05	.05
	4-12	.01	.02	.02	.01	.01	.05

Table 83

RECEIVED
JAN 16 1952

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