2240 Box 4-3-3-16

(6)

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

#3

(This section to be completed by subcontractor requesting document)

T. Bennett / 1034A Document Center
Requestor / Document Center *(is requested to provide the following document)*

Date of request 7/17/95 Expected receipt of document 8/11/95

Document number none Date of document

Title and author (if document is unnumbered)
Air Contamination - K-1405 Building - 1951

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Date request received 7/18/95

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Date submitted to ChemRisk/Shonka and DOE 8/9/95

(This section to be completed by ChemRisk/Shonka Research Associates, Inc.)

Date document received

Signature

AIR CONTAMINATION
K-1405 Bldg. - 1951

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

D. Preston 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.

10-29-51 — 11-4-51

1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
10-29-51	12-8	.09	.02	.01	.01	.01	.02
	8-4	.01	.01	.00	.01	.01	.02
	4-12	.02	.07	.02	.01	.02	.03
10-30-51	12-8	.06	.03	.01	.01	.01	.01
	8-4	.10	.02	.01	.02	.02	.02
	4-12	.33	.01	.00	.00	.01	.01
10-31-51	12-8	.01	.01	.01	.02	.01	.01
	8-4	.02	.02	.02	.01	.01	.02
	4-12	.11	.03	.03	.01	.02	.02
11-1-51	12-8	.04	.04	.02	.02	.01	.04
	8-4	.14	.03	.02	.03	.04	.05
	4-12	.03	.04	.03	.06	.01	.01
11-2-51	12-8	.07	.01	.03	.03	.02	.02
	8-4	.06	.03	.02	.01	.01	.01
	4-12	x	x	x	x	x	x
11-3-51	12-8	.01	.01	.03	.01	.01	.03
	8-4	.04	.04	.02	.03	.01	.04
	4-12	.16	.11	.05	.04	.03	.02
11-4-51	12-8	.07	.06	.01	.02	.04	.01
	8-4	.35	.05	.01	.04	.01	.03
	4-12	.27	.23	.03	.02	.01	.02

RECEIVED NOV 13 1951

102 total

10-22-51 — 10-28-51

K-1 5 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
10-22-51	12-8	.01	.05	.01	.01	.02	.02
	8-4	.02	.02	.02	.05	.04	.02
	4-12	.02	.16	.03	.04	.02	.04
10-23-51	12-8	.02	.02	.04	.04	.02	.04
	8-4	.06	.25	.03	.04	.11	.07
	4-12	.01	.03	.02	.02	.11	.04
10-24-51	12-8	.03	.03	.03	.01	.02	.02
	8-4	.03	.02	.04	.01	.02	.03
	4-12	.12	.02	.07	.04	.03	.03
10-25-51	12-8	.02	.03	.01	.00	.02	.00
	8-4	.01	.01	.02	.01	.04	.02
	4-12	x	x	x	x	x	x
10-26-51	12-8	.01	.01	.01	.01	.01	.01
	8-4	.02	.01	x	x	.01	.01
	4-12	.00	.01	—	.00	.08	.00
10-27-51	12-8	.02	.01	.01	.01	.01	.01
	8-4	.01	.02	.01	.01	.02	.01
	4-12	.02	.02	.01	.02	.02	.01
10-28-51	12-8	.02	.01	.02	.02	.02	.01
	8-4	.02	.01	.01	.01	.01	.01
	4-12	.05	.01	.02	.02	.04	.02

x - No Samples Received

RECEIVED NOV 7 1951

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J. A. Martin

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10-15-51 — 10-21-51 -1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
10-15-51	12-8	.08	.02	.03	.01	.01	.01			
	8-4	.03	.02	.01	.01	.01	.01			
	4-12	.06	.06	.04	.11	.02	.02			
10-16-51	12-8	.06	.02	.04	.05	.04	.04			
	8-4	.07	.05	.04	.03	.02	.02			
	4-12	.60	.07	.03	.04	.02	.03			
10-17-51	12-8	No Samples Received								
	8-4	.07	.08	.03	.02	.09	.12			
	4-12	.01	.11	.01	.00	.01	.06			
10-18-51	12-8	.01	.00	.01	.01	.01	.00			
	8-4	.01	.01	.01	.01	.00	.01			
	4-12	.02	.02	.02	.01	.01	.01			
10-19-51	12-8	.07	.02	.02	.04	.01	.02			
	8-4	.05	.06	.02	.04	.02	.02			
	4-12	.07	.07	.04	.02	.04	.11			
10-20-51	12-8									
	8-4	No Samples Taken								
	4-12									
10-21-51	12-8									
	8-4	No Samples Taken								
	4-12									

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RECEIVED OCT 29 1951

J A Martin

Highlights Oct.

3

10-8-51 — 10-14-51

-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
10-8-51	12-8	.02	.01	.03	.02	.03	.02			
	8-4	.03	.03	.05	.01	.02	.01			
	4-12	.03	.04	.00	.01	.03	.02			
10-9-51	12-8	.02	.01	.03	.01	.02	.01			
	8-4	.04	.04	.00	.02	.03	.02			
	4-12	.04	.05	.01	.02	.01	.01			
10-10-51	12-8	.01	.05	.00	.03	.02	.01			
	8-4	.05	.02	.02	.02	.02	.02			
	4-12	.32	.03	.02	.02	.02	.04			
10-11-51	12-8	.05	.01	.01	.01	.02	.01			
	8-4	.07	.03	.05	.05	.09	.04			
	4-12	.10	.01	.04	.00	.02	.02			
10-12-51	12-8	.02	.03	.01	.10	.19	.03			
	8-4	.02	.02	.03	.01	.01	.00			
	4-12	.02	.02	.00	.01	.01	.01			
10-13-51	12-8									
	8-4	No Samples Taken								
	4-12									
10-14-51	12-8									
	8-4	No Samples Taken								
	4-12									

G D Cobb

RECEIVED OCT 29 1951

J A Martin

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10-1-51 — 10-7-51

-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
10-1-51	12-8	.06	.06	.06	.02	.05	.04
	8-4	.00	.08	.02	.05	.05	.06
	4-12	.12	.09	.14	.05	.06	.05
10-2-51	12-8	.05	.01	.01	.03	.06	.02
	8-4	.65	.08	.04	.04	.05	.09
	4-12	.45	.13	.08	.06	.04	.09
10-3-51	12-8	.11	.11	.06	.07	.04	.06
	8-4	.09	.03	.05	.02	.09	.23
	4-12	.16	.05	.04	.05	.04	.03
10-4-51	12-8	.12	.05	.02	.03	.04	.02
	8-4	.25	.03	.03	.07	.03	.04
	4-12	1.94	.03	.04	.04	.03	.04
10-5-51	12-8	2.70	.09	.22	.16	.53	.10
	8-4	.42	.08	.16	.08	.07	.07
	4-12	1.43	.17	.08	.28	.11	.12
10-6-51	12-8	.93	.17	.08	.05	.08	.06
	8-4	.73	.04	.02	.02	.02	.04
	4-12	.02	.01	.03	.02	.03	.02
10-7-51	12-8						
	8-4	No Samples Taken					
	4-12						

10

10

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OCT 12 1951

12-24-51 — 12-30-51

1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
12-24-51	12-8	.01	.02	.01	.01	.02	.02
	8-4	.01	.04	.00	.01	.01	.02
	4-12	.05	.01	.05	.01	.05	.01
	12-8						
	8-4	Holiday —					
	4-12						
12-26-51	12-8	.07	.14	.09	.08	.06	.07
	8-4	.00	.00	.00	.01	.01	.02
	4-12	.01	.00	.02	.01	.01	.05
12-27-51	12-8	.01	.02	.01	.02	.01	.06
	8-4	.04	.03	.02	.00	.01	.05
	4-12	.02	.02	.02	.02	.01	.05
12-28-51	12-8	.02	.02	.01	.01	.02	.01
	8-4	.01	.02	.03	.02	.02	.04
	4-12	.02	.00	.01	.01	.04	.04
12-29-51	12-8	x	x	x	x	x	x
	8-4	x	x	x	x	x	x
	4-12	x	x	x	x	x	x
12-30-51	12-8	x	x	x	x	x	x
	8-4	x	x	x	x	x	x
	4-12	x	x	x	x	x	x

Total 72

RECEIVED JAN 14 1952

J. E. Martin

12-17-51 — 12-23-51 -1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
12-17-51	12-8	.01	.01	.01	.10	.06	.01
	8-4	.01	.07	.03	.02	.02	.02
	4-12	.02	.02	.04	.03	.03	.10
12-18-51	12-8	.01	.02	.02	.04	.03	.02
	8-4	.01	.00	.05	.02	.04	.02
	4-12	.01	.01	.09	.01	.03	.03
12-19-51	12-8	.02	.02	.02	.01	.02	.03
	8-4	.26	.12	.10	.02	.03	.27
	4-12	.04	.04	.01	.02	.03	.09
12-20-51	12-8	.02	.02	.02	.02	.02	.02
	8-4	.01	.01	.01	.02	.01	.07
	4-12	.01	.01	.03	.04	.03	—
12-21-51	12-8	.08	.03	.05	.03	.02	.01
	8-4	.00	.01	.03	.02	.01	.06
	4-12	.02	.01	.01	.01	.01	.01
12-22-51	12-8	.03	.01	.01	.01	.01	.01
	8-4	.04	.01	.01	.03	.06	.02
	4-12	.02	.02	.04	.01	.03	.06
12-23-51	12-8	.03	.06	.01	.02	.02	.04
	8-4	x	x	x	x	x	x
	4-12	x	x	.01	.01	.04	.02

117 Total

RECEIVED JAN 4 1952

12-10-51 — 12-16-51

-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
12-10-51	12-8	.01	.01	.03	.02	.02	.02
	8-4	.04	.03	.02	.02	.04	.07
	4-12	.08	.02	.02	.02	.04	.02
12-11-51	12-8	.04	.04	.03	.02	.03	.07
	8-4	.03	.01	.01	.02	.00	.03
	4-12	.02	.02	.01	.01	.03	.08
12-12-51	12-8	.02	.04	.04	.02	.02	.03
	8-4	.02	.05	.01	.02	.01	.02
	4-12	.00	.01	.01	.02	.02	.06
12-13-51	12-8	.00	.01	.01	.01	.01	.01
	8-4	.07	.02	.02	.01	.04	.01
	4-12	.05	.05	.01	.04	.03	.05
12-14-51	12-8	.21	.05	.04	.07	.02	.05
	8-4	.03	.03	.02	.01	.01	.02
Dec. Highlights	4-12	.01	.01	.02	.03	.01	.01
12-15-51	12-8	.03	.00	.01	.01	.01	.06
	8-4	.02	.00	.01	.00	.01	.01
	4-12	.01	.00	.01	.49	.24	.01
12-16-51	12-8	.01	.02	.02	.02	.02	.02
	8-4	.02	.01	.01	.02	.03	.01
∞	4-12	.02	.01	.01	.05	.04	.02

Total 126

RECEIVED
JAN 3 1952

12-3-51 - 12-4-51

A-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
12-3-51	12-8	.05	.01	.02	.02	.02	.03
	8-4	.02	.01	.01	.12	.05	.03
	4-12	.04	.02	.10	.03	.05	.02
12-4-51	12-8	.02	.02	.01	.04	.03	.02
	8-4	.02	.01	.01	.02	.01	.02
	4-12	.01	.01	.04	.02	.01	.01
12-5-51	12-8	.01	.01	.03	.03	.02	.05
	8-4	.01	.01	.01	.02	.01	.01
	4-12	.13	.29	.12	.13	.13	.41
12-6-51	12-8	.01	.01	.03	.01	.03	.01
	8-4	.03	.01	.01	.01	.04	.03
	4-12	.01	.03	.04	.02	.02	.03
12-7-51	12-8	.02	.02	.00	.04	.03	.02
	8-4	.02	.01	.01	.27	.10	.01
	4-12	.01	.01	.02	.02	.02	.02
12-8-51	12-8	.02	.00	.03	.02	.01	.01
	8-4	.06	.01	.04	.02	.05	.02
	4-12	.02	.01	.03	.02	.04	.01
12-9-51	12-8	.02	.02	.02	.03	.04	.02
	8-4	.02	.01	.02	.02	.02	.05
	4-12	.12	.07	.12	.02	.02	.03

Tot. 124

RECEIVED DEC 17 1951 UNC.

11-26-51 —— 12-2-51

-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
11-26-51	12-8	.02	.03	.04	.02	.02	.05
	8-4	.01	.01	.02	.02	.02	.01
	4-12	.19	.08	.01	.01	.02	.01
11-27-51	12-8	.01	.04	.01	.02	.01	.06
	8-4	.02	.03	.01	.01	.04	.02
	4-12	.03	.04	.01	.03	.10	.03
11-28-51	12-8	.02	.03	.08	.01	.01	.04
	8-4	.09	.02	.04	.	.06	
	4-12	.03	.04	.01	.01	.01	.01
11-29-51	12-8	.01	x	.02	.01	.02	.01
	8-4	.01	.01	.01	.01	.02	.04
	4-12	.00	.01	.06	.01	.02	.01
11-30-51	12-8	x	x	x	x	x	x
	8-4	.03	.01	.05	.01	.02	.02
	4-12	.01	.02	.01	.01	.01	.03
12-1-51	12-8	.04	.02	.03	.05	.16	.02
	8-4	.05	.02	.02	.12	.56	.01
	4-12	.06	.07	.02	.05	.04	.09
12-2-51	12-8	x	x	x	x	x	x
	8-4	.07	.11	.01	.03	.06	.04
	4-12	.02	.04	.00	.09	.04	.05

RECEIVED DEC 11 1951

Total 114

10

11-19-51 — 11/25/51 -1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
11-19-51	12-8	.08	.03	.02	.04	.05	.07
	8-4	.50	.01	.03	.01	.02	.01
	4-12	X	X	X	X	X	X
11-20-51	12-8	.04	.02	.01	.01	.01	.02
	8-4	.02	.02	.06	.03	.02	.04
	4-12	.03	.01	.03	.02	.03	.03
11-21-51	12-8	.04	.04	.05	.03	.51	.02
	8-4	.01	.01	.00	.03	.01	.03
	4-12	.01	.01	.02	.05	.02	.05
11-22-51	12-8	.01	.03	.03	.01	.01	.01
	8-4	Holiday —					
	4-12						
11-23-51	12-8	.01	.02	.01	.00	.01	.03
	8-4	.04	.02	.03	.02	.01	.01
	4-12						
11-24-51	12-8	.01	.01	.00	.01	.02	.01
	8-4	.03	.01	.01	.01	.01	.02
	4-12	.02	.03	.03	.03	.02	.03
11-25-51	12-8	.07	.06	.05	.03	.02	.09
	8-4	.09	.06	.10	.25	.07	.05
	4-12	.05	.02	.01	.01	.04	.02

Total 102

RECEIVED
DEC 6 1951

11-12-51 — 11-18-51 -1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
11-12-51	12-8	.02	.02	.09	.01	.09	.02
	8-4	.05	.01	.05	.02	.02	.02
	4-12	.05	.04	.02	.02	.01	.03
11-13-51	12-8	.02	.07	.02	.02	.04	.10
	8-4	.29	.06	.07	.02	.02	.02
	4-12	.37	.06	.01	.03	.04	.04
11-14-51	12-8	.22	.02	.02	.01	.05	.02
	8-4	1.24	.02	.09	.01	.04	.05
	4-12	.06	.03	.02	.03	.03	.07
11-15-51	12-8	.02	.02	.01	.01	.01	.03
	8-4	.06	.02	.01	.01	.01	.00
	4-12	.03	.01	.02	.01	.02	.02
11-16-51	12-8	3.21	.05	.04	.06	.04	.02
	8-4	.08	.02	.01	.01	.05	.84
	4-12	.06	.01	.04	.01	.01	.02
11-17-51	12-8	.05	.01	.01	.01	.01	.01
	8-4	.42	X	.02	.03	.02	.04
	4-12	.06	.01	.02	.02	.01	.01
11-18-51	12-8	.06	.01	.11	.01	.02	.00
	8-4	.07	.02	.01	.01	.01	.03
	4-12	.40	.05	.04	.05	.04	.06

No High Lights

126 Total

126

RECEIVED NOV 29 1951

11-5-51 — 11-11-51 K-65 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
11-5-51	12-8	.09	.06	.03	.03	.04	.31
	8-4	.12	.05	.04	.11	.04	.03
	4-12	.07	.03	.02	.03	.01	.01
11-6-51	12-8	1.03	.07	.01	.01	.02	.01
	8-4	.18	.04	.05	.16	.04	.03
	4-12	x	x	x	x	x	x
11-7-51	12-8	.05	.03	.01	.01	.01	.02
	8-4	.07	.02	.01	.01	.01	.01
	4-12	.12	.04	.02	.01	.06	.01
11-8-51	12-8	.02	.03	.02	.02	.02	.03
	8-4	.07	.02	.01	.02	.02	.01
	4-12	.14	.03	.01	.03	.02	.02
11-9-51	12-8	.06	.03	.01	.02	.02	.03
	8-4	.07	.17	.03	.04	.04	.04
	4-12	x	x	x	x	x	x
11-10-51	12-8	.03	.04	.02	.01	.12	.02
	8-4	.04	.05	.01	.01	.01	.01
	4-12	.03	.02	.06	.01	.02	.04
11-11-51	12-8	.11	.45	.01	.02	.01	.02
	8-4	.09	.02	.02	.03	.03	.04
	4-12	.11	.07	.01	.01	.01	.07

114 Total

RECEIVED
NOV 28 1951

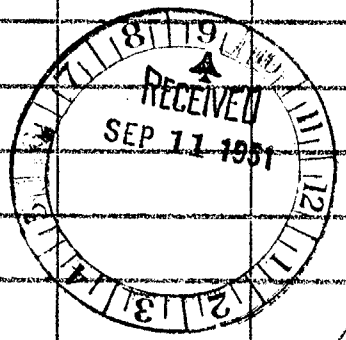
J. J. Martin

3

8-29-51 – 9-4-51 1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
8-29-51	12-8	.02	.03	.01	.02	.03	.02			
	8-4	.02	.01	.00	.02	.02	.01			
	4-12	.02	.02	.00	.01	.01	.01			
8-30-51	12-8	.02	.01	.07	.01	.02	.01			
	8-4	None	None	.03	.04	.03	None			
	4-12	.05	.01	.01	.03	.05	.01			
8-31-51	12-8	.03	.02	.01	.01	.00	.02			
	8-4	.10	.04	.00	.02	.00	.00			
	4-12	.03	.30	None	None	None	.06			
9-1-51	12-8									
	8-4	No Samples Taken								
	4-12									
9-2-51	12-8									
	8-4	No Samples Taken								
	4-12									
9-3-51	12-8									
	8-4	No Samples Taken								
	4-12									
9-4-51	12-8	.08	.02	.06	.00	.00	.01			
	8-4	.01	.01	.01	.02	.01	.06			
	4-12	.02	.01	.00	.02	.01	.01			

66 samples



RECEIVED SEP 11 1951

H. Martin

14

9-5-51 — 9-11-51

1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
9-5-51	12-8	.01	.04	.00	.01	.01	.01
	8-4	.04	.02	.01	.01	.01	.05
	4-12	.04	.02	.00	.01	.01	.01
9-6-51	12-8						
	8-4	.23	.02	.06	.04	.09	.09
	4-12	.05	.01	.02	.04	.01	.04
9-7-51	12-8	.23	.08	.05	.07	.06	.06
	8-4	.03	.02	.02	.01	.01	.03
	4-12	.03	.02	.01	.03	.02	.02
9-8-51	12-8						
	8-4	No Samples Taken					
	4-12						
9-9-51	12-8						
	8-4						
	4-12	No Samples Taken					
9-10-51	12-8	.02	.02	.02	.07	.02	.00
	8-4	.02	.04	.01	.02	.03	.04
	4-12	.02	.02	.01	.02	.02	.02
9-11-51	12-8	.04	.03	.02	.04	.04	.02
	8-4	.03	.03	.05	.03	.04	.03
	4-12	.04	.01	.02	05	No Sample	.01

51

RECEIVED SEP 25 1951

9-12-51 — 9-18-51

1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
9-12-51	12-8	.04	.01	.03	.04	.04	.01			
	8-4	.22	.03	.01	.04	.06	.03			
	4-12	.16	.01	.02	.05	.02	.04			
9-13-51	12-8	.22	.03	.02	.04	.02	.03			
	8-4	.26	.05	.03	.06	.10	.02			
	4-12	.17	.03	.02	.03	.04	.01			
9-14-51	12-8	—	.03	.01	.01	.01	.02			
	8-4	.03	.03	.05	.03	.06	.03			
	4-12	.02	.02	.03	.07	.02	.04			
9-15-51	12-8									
	8-4	No Samples Taken								
	4-12									
9-16-51	12-8									
	8-4	No Samples Taken								
	4-12									
9-17-51	12-8	.01	.02	.02	.01	.02	.01			
	8-4	.03	.12	.01	.12	.03	.01			
	4-12	.03	.19	.02	.01	.02	.02			
9-18-51	12-8	.01	.01	.01	.02	.03	.01			
	8-4	.01	.02	.01	.01	.01	.01			
	4-12	—	.00	.00	.00	.00	.00			

RECEIVED OCT 3 1951

J. A. Martin

6

9-19-51 - 9-25-51

K-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
	12-8	—	1.39	.01	.00	.00	.00
9-19-51	8-4	.03	.11	.05	.05	.02	.05
	4-12	—	.01	.01	.02	.05	.05
	12-8	—	.06	.02	.01	.01	.03
9-20-51	8-4	.12	.06	.02	.07	.04	.04
	4-12	.20	.04	.03	.09	.02	.05
	12-8	.02	.01	.02	.03	.00	.01
9-21-51	8-4	2.65	.67	.10	.38	.10	.14
	4-12	.92	.11	.16	.11	.14	.09
	12-8						
9-22-51	8-4	No Samples Taken					
	4-12						
	12-8						
9-23-51	8-4	No Samples Taken					
	4-12						
	12-8	.07	.06	.09	.07	.04	.03
9-24-51	8-4	.25	.11	.08	.09	.08	.08
	4-12	.66	.28	.07	.09	.04	.05
	12-8	.10	.22	.03	.02	.05	.04
9-25-51	8-4	.82	.08	.03	.03	.02	.04
	4-12	.04	.05	.01	.03	.04	.01

51

RECEIVED OCT 3 1951

9-26-51 – 9-30-51 Month Ending 9/30/51

1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
9-26-51	12-8	.16	.01	.09	.09	.04	.04
	8-4	.33	.21	.03	.04	.04	.23
	4-12	.03	.02	.01	.01	.07	.01
9-27-51	12-8	.39	.12	.04	.08	.04	.23
	8-4	.17	.06	.02	.07	.01	.06
	4-12	.06	.02	.01	.03	.02	.23
9-28-51	12-8	.06	.02	.03	.02	.02	.03
	8-4	—	.05	.03	.02	.02	.03
	4-12	.01	.02	.01	.01	.01	.02
9-29-51	12-8						
	8-4	No report –		No Samples		Taken	
	4-12						
9-30-51	12-8						
	8-4	No report.		– No Samples		Taken	
	4-12						
✓	12-8						
	8-4						
	4-12						
	12-8						
✓	8-4						
	4-12						

RECEIVED OCT 19 1951

329 Total for Sept

2

8-21-51 — 8-28-51

-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
8-21-51	12-8	.01	.03	.01	.02	.03	.02
	8-4	.04	.01	.01	.01	.01	.01
	4-12	.02	.01	.01	.01	.01	.01
8-22-51	12-8	.02	.00	.01	.00	.02	.00
	8-4	.03	.01	.00	.01	.01	.00
	4-12	.04	.02	.01	.00	.02	.01
8-23-51	12-8	.25	.02	.02	.01	.04	.01
	8-4	.02	.02	.03	.01	.01	.01
	4-12	.01	.01	.01	.01	.01	.01
8-24-51	12-8	.01	.06	.01	.01	.01	.00
	8-4	04	.06	.00	.01	.01	.00
	4-12	.01	.01	.06	.01	.01	.02
8-26-51	12-8						72
	8-4	No Samples Taken					
	4-12						
8-27-51	12-8	.04	.01	.01	.01	.01	.01
	8-4	.04	.01	.00	.02	.02	.01
	4-12	.15	.03	.01	.01	.01	.02
8-28-51	12-8	.02	.05	.01	.01	.02	.02
	8-4	.02	.01	.01	.01	.03	.01
	4-12	.04	.01	.01	.02	.01	.00

RECEIVED SEP 4 1951

J. A. Martin

8-14-51 —

1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
	12-8	.07	.00	.00	.00	.00	.01			
8-14-51	8-4	.03	.01	.00	.01	.01	.00			
	4-12	.00	.00	.00	.01	.01	.00			
	12-8	.05	.01	.01	.01	.03	.00			
8-15-51	8-4	.12	.05	.00	.00	.04	.01			
	4-12	.04	.01	.01	.01	.02	.01			
	12-8	.03	.07	.00	.01	.06	.04			
8-16-51	8-4	.09	1.79	01	.02	.86	.01			
	4-12	.24	.23	.00	.00	.02	.01			
	12-8	.04	.00	.01	.00	.01	.05			
8-17-51	8-4	.23	.01	.02	.01	.06	.02			
	4-12	.11	.07	.00	.01	.04	.06			
	12-8						72			
8-18-51	8-4	No Samples taken								
	4-12									
	12-8									
8-19-51	8-4	No Samples taken								
	4-12									
	12-8	No Samples taken								
8-20-51	8-4	39	.02	.01	.00	.03	.02			
	4-12	.05	.03	.02	.02	.04	.23			

RECEIVED AUG 2 1951

20

8-7-51 — 8-13-51

1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
8-7-51	12-8	.00	.00	.00	.00	–	.01			
	8-4	.01	.01	.00	.00	–	.00			
	4-12	.00	.01	.00	.00	.	.00			
8-8-51	12-8	.08	.01	.00	.03	.01	.01			
	8-4	.04	.02	.01	.02	.01	.06			
	4-12	.03	.01	.00	.00	.01	.00			
8-9-51	12-8	.16	.10	.02	.02	.01	.00			
	8-4	1.30	.11	.01	.01	.01	.00			
	4-12	.20	.06	.01	.02	.01	.00			
8-10-51	12-8	.01	.01	.01	.01	.01	.01			
	8-4	.07	.04	.00	.01	.01	.01			
	4-12	.00	.01	.00	.00	.01	.00			
8-11-51	12-8	.02	.04	.01	.01	.02	.01			
	8-4	.32	.06	.01	.04	.01	.01			
	4-12									
8-12-51	12-8						84			
	8-4	No Samples Taken								
	4-12									
8-13-51	12-8	.00	.00	.00	.00	.00	.01			
	8-4	.02	.04	.00	.00	.00	.00			
	4-12	.01	.01	.00	.00	.00	.00			

RECEIVED AUG 20 1951

J A Martin

18

2

7-31-51 – 8-6-51

-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
7-31-51	12-8	.01	.00	.01	.02	–	.00
	8-4	.01	.01	.01	.00	.03	.01
	4-12	.01	.02	.04	.03	–	.01
8-1-51	12-8	.02	.06	.01	.03	–	.01
	8-4	.01	.03	.02	.03	–	.02
	4-12	.03	.06	.01	.01	–	.01
8-2-51	12-8						
	8-4	.03	.01	.00	.01	–	.01
	4-12	.05	.01	.01	.00	–	.01
8-3-51	12-8	.05	.07	.02	.06	–	.02
	8-4	.07	.05	.01	.04	–	.02
	4-12	.01	.04	.08	.01	–	.01
8-4-51	12-8						48
	8-4	No Samples Taken					
	4-12						
8-5-51	12-8						
	8-4	No Samples Taken					
	4-12						
8-6-51	12-8						
	8-4	.08	.01	.01	.01	.01	.00
	4-12	.02	.01	.01	.00	.01	.00

RECEIVED AUG 20 1951

J. A. Martin

28

7-24-51 — 7-30-51

1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
7-24-51	12-8	.01	.01	.01	.00	.01	.00
	8-4	✓	✓	✓	✓	✓	✓
	4-12	.02	.07	.01	.00	.02	.01
7-25-51	12-8	.01	.01	.01	.00	.01	.00
	8-4	.01	.00	.00	.02	.01	.00
	4-12	.01	.01	.00	.01	.00	.01
7-26-51	12-8	.09	.01	.00	.01	.01	.06
	8-4	.03	.01	—	.01	.01	.01
	4-12	.03	.01	.00	.01	.00	.00
7-27-51	12-8	.06	.02	.00	.01	.06	.01
	8-4	.03	.01	.01	.00	.02	.01
	4-12	.02	.03	.02	.00	—	.01
7-28-51	12-8	.05	.02	.06	.01	.01	.02
	8-4	.03	.04	.01	.01	.00	.01
	4-12	.01	.04	.00	.00	—	.00
7-29-51	12-8	.01	.00	.01	.00	.00	.01
	8-4	.01	.00	.00	.01	.00	.00
	4-12	.00	.00	.00	.01	.00	.01
7-30-51	12-8	.00	.00	.00	.00	.00	.00
	8-4	.01	.03	.00	.00	.03	.01
	4-12	.01	.01	.01	.01	—	.00

RECEIVED
AUG 7 1951

7-17-51 — 7-23-51

1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
	12-8	.02	.02	.02	.01	.02	.03
7-17-51	8-4	.03	.09	.01	.02	.12	.02
	4-12	.09	.02	.01	.01	.02	.01
	12-8	.01	.01	.01	.01	.02	.02
7-18-51	8-4	.01	.06	.08	.01	.02	.01
	4-12	.01	.09	.02	.01	.01	.00
	12-8						
7-19-51	8-4	.01	.04	.05	.00	.00	.01
	4-12	.01	.08	.04	.01	.03	.02
	12-8	.01	.01	.01	.01	.04	.01
7-20-51	8-4	.01	.03	.02	.05	.02	.01
	4-12	.04	.04	.00	.03	.02	.02
	12-8	.02	.02	.01	.01	.02	.01
7-21-51	8-4	.01	.01	.03	.01	.02	.02
	4-12	.02	.01	.01	.00	.01	.01
	12-8	.01	.01	.01	.01	.02	.01
7-22-51	8-4	.01	.02	.01	.00	.02	.00
	4-12	.01	.02	.01	.01	.01	.01
	12-8	.00	.01	.00	.00	.01	.01
7-23-51	8-4	.00	.02	.01	.00	.04	.00
	4-12	.00	.08	.00	.00	.02	.00

RECEIVED
AUG 1 1951

24

7-10.51 — 7-16.51

1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
7-10-51	12-8	.00	.01	.01	.02	.06	.01			
	8-4	.01	.01	.00	.01	01	.01			
	4-12	.00	.01	.02	.01	.01	.01			
7-11-51	12-8	.01	.02	.02	.01	.02	.01			
	8-4	.01	.01	.02	.02	.02	.01			
	4-12	.01	.01	.02	.02	.02	.01			
7-12.51	12-8	.03	.02	.03	.01	.03	.04			
	8-4	.01	.02	.01	.01	.03	.01			
	4-12	.01	.02	.01	.01	.01	.01			
7-13.51	12-8	.01	.12	.03	.04	.04	.02			
	8-4	.09	.02	.01	.01	.02	.01			
	4-12	.03	.08	.03	.02	.02	.02			
7-14-51	12-8	.03	.06	.02	.02	.02	.02			
	8-4	.03	.14	.02	.01	.02	.03			
	4-12	.01	.05	.02	.01	.02	.01			
7-15.51	12-8	.02	.06	.02	.02	.03	.02			
	8-4	.02	.10	.02	.02	.09	.01			
	4-12	.02	.07	.00	.02	.04	.25			
7-16.51	12-8	.01	.05	.01	.02	.04	.02			
	8-4	.06	.06	.03	.11	.06	.06			
	4-12	.16	.17	.05	.03	.12	.12			

RECEIVED JUL 31 1951

Highlights July 1951

7-3-51 — 7-9-51

1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
7-3-51	12-8	.00	.00	.00	.01	.00	.00
	8-4	.01	.00	.01	.01	.01	.01
	4-12	.00	.01	.01	.03	.01	.01
7-4-51	12-8						
	8-4						
	4-12						
7-5-51	12-8	.00	.00	.00	.01	.01	.02
	8-4	.02	.01	.01	.04	.02	.01
	4-12	.02	.00	.01	.01	.01	.01
7-6-51	12-8	.01	.01	.01	.01	.02	.00
	8-4	.00	.01	.01	.00	.01	.01
	4-12	.01	.01	.00	.00	.01	.00
7-7-51	12-8	.00	.00	.00	.01	.00	.01
	8-4	.00	.01	.00	.00	.02	.06
	4-12	.00	.01	.00	.00	.01	.01
7-8-51	12-8	.10	.01	.00	.00	.01	.03
	8-4	.00	.00	.01	.00	.00	.00
	4-12	—	.02	.05	.02	.02	.01
7-9-51	12-8	.04	.03	.01	.01	.02	.01
	8-4	.01	.00	.00	.01	.02	.00
	4-12	.03	.04	.02	.01	.02	.01

RECEIVED JUL 24 1951

2

6-26-51 — 7-2-51

-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
6-26-51	12-8	.04	.27	.03	.02	.03	.02
	8-4	.01	.03	.03	.02	.03	.02
	4-12	.02	.02	.02	.02	.05	.00
6-27-51	12-8	.01	.01	.02	.02	.04	.01
	8-4	.03	.01	.02	.03	.03	.00
	4-12	.09	.01	.01	.04	.04	.01
6-28-51	12-8	.00	.01	.02	.01	.03	.00
	8-4						
	4-12						
6-29-51	12-8	.01	.02	.01	.04	.01	.00
	8-4	.01	.02	.02	.01	.03	.00
	4-12						
6-30-51	12-8	.01	01	.01	.01	.01	.01
	8-4	.01	.00	.00	.00	.00	.00
	4-12	.00	.01	.00	.00	.02	.01
7-1-51	12-8						
	8-4	.00	.01	.00	.00	.02	.00
	4-12	.01	.00	.00	.01	.01	.00
7-2-51	12-8	.00	.00	.00	.00	.00	.00
	8-4	.01	.02	.00	.00	.00	.01
	4-12	.03	.02	.01	.01	.01	.01

RECEIVED
JUL 16 1951

6/19/51 - 6/25/51

X-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
6/19/51	12-8	.01	.02	.01	.02	.01	.01			
	8-4	.00	.02	.01	.01	.02	.01			
	4-12	.07	.04	.01	.04	.64	.01			
6/20/51	12-8	.01	.01	.01	.03	.03	.02			
	8-4	.03	.04	.01	.03	.10	.01			
	4-12	.02	.02	.01	.02	.39	.01			
6/21/51	12-8	.02	.02	.01	.03	.03	.01			
	8-4	.01	.02	.01	.01	.04	.01			
	4-12	.04	.08	.02	.01	.24	.03			
6/22/51	12-8	.03	.01	.01	.02	.04	.04			
	8-4	.01	.02	.02	.02	.01	.01			
	4-12	.01	03	.02	.02	.01	.02			
6/23/51	12-8	.02	.38	.01	.01	.03	.02			
	8-4	.01	.02	.01	.01	.02	.03			
	4-12	.02	.02	.01	.01	.01	.01			
6/24/51	12-8	.01	.01	.01	.01	.03	.00			
	8-4	.01	.21	.01	.01	.01	.02			
	4-12									
6/25/51	12-8	01	02	.01	.03	.03	.03			
	8-4	.03	04	.03	.04	.02	.02			
	4-12	.01	.03	.02	.02	.02	.00			

RECEIVED JUL 6 1951

22

6-12-51 — 6-18-51 1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
6-12-51	12-8	.00	.04	.01	.03	.01	—			
	8-4	.09	.01	.03	.01	.05	.05			
	4-12	.03	.02	.02	.01	.01	.01			
6-13-51	12-8	.03	.02	.03	.01	.02	.02			
	8-4	.02	.02	.02	.01	.03	.03			
	4-12	.03	.02	.00	.02	.04	.01			
6/14/51	12-8	.03	.13	.02	.05	.13	.01			
	8-4	.01	.01	.01	.01	.03	.01			
	4-12	.03	.02	.03	.03	.03	.02			
6/15/51	12-8	.01	.02	.01	.01	.02	.01			
	8-4	.01	.09	.03	.04	.04	.02			
	4-12	.04	.05	.03	.06	.02	.04			
6/16/51	12-8	.01	.08	.01	.04	.22	.04			
	8-4	.00	.02	.03	.04	.05	.01			
	4-12	.03	.04	.01	.02	.03	.02			
6/17/51	12-8	.01	.02	.05	.01	.02	.03			
	8-4	.02	.01	.01	.01	.01	.02			
	4-12	.02	.04	.02	.04	.01	.02			
6/18/51	12-8	.11	.10	.08	.10	.14	.15			
	8-4	.02	.01	.01	.01	.01	.02			
	4-12	.03	.03	.03	.03	.03	.02			

RECEIVED JUN 27 1951

Highlights June 51

Jam

6/5/51 — 6/11/51

-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
	12-8	.01	.04	.00	.01	.01	.02
6-5-51	8-4	.00	.02	.01	.01	.01	.02
	4-12	.03	.01	.01	.01	.02	.01
	12-8	.02	.01	.01	.01	.01	.01
6-6-51	8-4	.02	.03	.01	.01	.02	.01
	4-12	.02	.06	.02	.01	.03	.03
	12-8	.06	.33	.01	.01	.03	.03
6-7-51	8-4	.02	.03	.02	.02	.14	.04
	4-12	.03	.02	.11	.02	.01	.01
	12-8	.05	.03	.01	.03	.05	.01
6-8-51	8-4	.02	.02	.01	.02	.02	.03
	4-12	.01	.03	.01	.00	.03	.01
	12-8	.02	.01	.01	.01	.02	.01
6-9-51	8-4	.01	.02	.01	.01	.06	.02
	4-12	.01	.02	.02	.03	.08	.01
	12-8	.02	.03	.01	.01	.03	.02
6-10-51	8-4	.01	.01	.01	.01	.01	.03
	4-12	.01	.02	.01	.02	.02	.00
	12-8	.06	.02	.02	.02	.04	.03
6-11-51	8-4	.01	.06	.00	.00	.01	.01
	4-12	.03	.02	.01	.01	.02	.02

RECEIVED
JUN 18 1951

30

5.28.51 — 6.4.51

-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
5/28/51	12-8	.02	.03	.10	.02	.02	.02
	8-4	.07	.06	.01	.02	.03	.03
	4-12	.02	.02	.04	.03	.02	.02
5/29/51	12-8	.27	.02	.03	.02	.06	.01
	8-4	.03	.04	.04	.02	.03	.04
	4-12	.02	.05	.01	.04	.04	.05
5/31/51	12-8	.02	.02	.01	.01	.01	.02
	8-4	.01	.10	.01	.01	.04	.02
	4-12	.02	.02	.01	.02	.01	.02
6/1/51	12-8	.01	.02	.01	.01	.96	.00
	8-4	.01	.02	.01	.00	.03	.01
	4-12	.03	.02	.01	.01	.02	.02
6/2/51	12-8	.02	.01	.00	.01	.02	.01
	8-4	.01	.03	.00	.01	.09	.01
	4-12	.01	.01	.00	.01	.06	.01
6/3/51	12-8	.05	.07	.00	.01	.02	.01
	8-4	.00	.00	.01	.01	.00	.00
	4-12	.01	.01	.00	.01	.01	.01
6/4/51	12-8	.02	.02	.01	.02	.03	.01
	8-4	.01	.00	.00	.01	.05	.01
	4-12	.01	.02	.01	.02	.02	.02

RECEIVED
JUN 12 1951

31

5/21/51 thru 5/27/51

1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
	12-8	.03	.04	.03	.03	.03	.07			
5/21/51	8-4	.01	.05	.05	.01	.01	.01			
	4-12	.02	.05	.03	.03	.04	.03			
	12-8	.12	.05	.05	.01	.02	.08			
5/22/51	8-4	.04	.18	.02	.06	.06	.17			
	4-12	.02	.08	.02	.03	.09	.01			
	12-8	.02	.01	.01	.01	.13	.04			
5/23/51	8-4									
	4-12	.01	.02	.02	.01	.02	.01			
	12-8	.02	.04	.01	.03	.18	.02			
5/24/51	8-4	.03	.05	.03	.01		.02			
	4-12	.01	.05	.01	.01	.02	.01			
	12-8	.01	.04	.01	.01	.05	.02			
5/25/51	8-4	.01	.01	.00	.01	.04				
	4-12	.02	.03	.01	.02	.03	.01			
	12-8	.01	.04	.03	.03	.02	.01			
5/26/51	8-4	.02	.02	.01	.01	.08	.03			
	4-12	.01	.03	.01	.01	.02	.02			
	12-8	.02	.03	.01	.00	.06	.01			
5/27/51	8-4	.03	.02	.01	.03	.07	.02			
	4-12	.02	.02	.01	.01	.03	.02			

RECEIVED
JUN 4 1951

32

5-14-51 — 5-20-51

K-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
5/14/51	12-8	.02	.02	.00	.03	.07	.02
	8-4	.05	.02	.01	.01	.02	.01
	4-12	.05	.01	.01	.01	.02	.01
5/15/51	12-8	.09	—	.02	.00	.07	.01
	8-4	.03	.01	.02	.01	.02	.01
	4-12	.06	.02	.00	.00	.01	.00
5/16/51	12-8	.03	.02	.01	.01	.04	.01
	8-4	.02	.01	.03	.01	.01	.01
	4-12	.05	.02	.01	.01	.01	.00
5/17/51	12-8	.06	.03	.02	.02	.04	.02
	8-4	.04	.05	.04	.01	.01	.02
	4-12	.04	.02	.01	.01	.07	.03
5/18/51	12-8	.04	.02	.00	.00	.04	.01
	8-4	.06	.01	.01	.02	.03	.00
	4-12	.03	.00	.01	.01	.02	.01
5/19/51	12-8	.00	.03	.00	.01	.02	.01
	8-4	.01	1.21	.01	.01	.03	.01
	4-12	.01	.03	.01	.01	.03	.02
5/20/51	12-8	.02	.02	.01	.01	.07	.02
	8-4	.09	.01	.02	.01	.05	.01
	4-12	.01	.03	.01	.04	.06	.02

RECEIVED
MAY 26 1951

5/7/51 — 5/13/51

1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
5/7/51	12-8	.58	.06	.05	.08	.09	.04			
	8-4	.20	.04	.03	.21	.03	.02			
	4-12	.06	.03	.01	.01	.01	.01			
5/8/51	12-8	.14	.08	.02	.02	.02	.10			
	8-4	.13	.05	.04	.03	.02	.01			
	4-12	.38	.03	.01	.03	.07	.02			
5/9/51	12-8	.16	.05	.01	.04	.05	.11			
	8-4	.50	.13	.04	.09	.71	.05			
	4-12	.13	.10	.03	.07	.04	.02			
5/10/51	12-8	.17	.17	.03	.03	.16	.04			
	8-4	.15	.12	.02	.04	.17	.09			
	4-12	.10	.02	.01	.05	.07	.04			
5/11/51	12-8	.14	.02	.03	.02	.03	.02			
	8-4	.07	.01	.02	.02	.02	.02			
	4-12	.02	.06	.01	.01	.02	.03			
5/12/51	12-8	.12	.01	.01	.01	.05	.00			
	8-4	.02	.01	.01	.01	.02	.01			
	4-12	.05	.01	.01	.05	.05	.01			
5/13/51	12-8	.17	.02	.00	.01	.07	.02			
	8-4	.10	.13	.01	.01	.02	.03			
	4-12	.02	.01	.00	.02	.04	.01			

RECEIVED MAY 1951

34

4-●-51 - 5-6-51

1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
	12-8	.04	.02	.05	.02	.03	.02			
4/30/51	8-4	.82	.09	.02	.02	.06	.04			
	4-12	.25	.04	.05	.03	.05	.03			
	12-8	.11	.03	.14	.07	.05	.04			
5/1/51	8-4	.17	.02	.02	.06	.03	.04			
	4-12	.09	.02	.02	.09	.21	.03			
	12-8	.11	.03	.04	.04	.04	.04			
5/2/51	8-4	.08	.02	.02	.02	.02	.02			
	4-12	.29	.03	.01	.02	.04	.01			
	12-8	.04	.01	.01	.03	.02	.02			
5/3/51	8-4	.05	.01	.01	.02	.01	.01			
	4-12	.08	.01	.01	.03	.02	.00			
	12-8	.12	.04	.01	.01	.07	.00			
5/4/51	8-4	.03	.02	.04	.03	.08	.01			
	4-12	.17	.02	.01	.02	.08	.01			
	12-8	.03	.01	.01	.01	.01	.02			
5/5/51	8-4	.04	.01	.01	.01	.02	.01			
	4-12	.32	.04	.02	.03	.01	.01			
	12-8	.20	.13	.10	.06	.03	.02			
5/6/51	8-4	1.25	.14	.03	.05	.21	.02			
	4-12	.66	.33	.04	.05	.07	.05			

RECEIVED MAY 21 1951

35

4-23-51 — 4-29-51

-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
4/23/51	12-8	.09	.13	.02	.02	.02	.02
	8-4	.07	.38	.01	.04	.04	.04
	4-12	.06	.06	.02	.04	.05	.02
4/24/51	12-8	.10	.06	.01	—	.06	.03
	8-4	.26	.04	.01	.03	.55	.01
	4-12	.36	.02	.03	.03	.09	.01
4/25/51	12-8	.13	.05	.03	.04	.05	.01
	8-4	.10	.03	.02	.03	.08	.02
	4-12	.05	.03	.03	.03	.13	.02
4/26/51	12-8	.09	.05	.01	.01	.08	.01
	8-4	.26	.07	.04	.05	.12	.04
	4-12	.06	.05	.01	.01	.05	.02
4/27/51	12-8	.04	.05	.01	.02	.05	.12
	8-4	.24	.04	.01	.02	.03	.07
	4-12	.12	.01	.01	.01	.09	.02
4/28/51	12-8	.14	.02	.01	.03	.11	.06
	8-4	.12	.03	.02	.02	.04	.04
	4-12	.22	.03	.01	.01	.02	.02
4/29/51	12-8	.04	.01	.05	.04	.02	.01
	8-4	.12	.04	.01	.01	.02	.03
	4-12	.07	.04	.01	.02	.02	.02

RECEIVED MAY 11 1951

36

4-16-51 — 4-22-51

1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
4/16/51	12-8	.09	.09	.01	.02	.04	.02
	8-4	.09	.08	.12	.01	.02	.01
	4-12	.55	.17	.01	.04	.14	.02
4/17/51	12-8	.18	.20	.01	.04	.09	.02
	8-4	.14	.12	.02	.01	.02	.03
	4-12	.10	.01	.04	.11	.03	.03
4/18/51	12-8	.19	.07	.02	.03	.11	.04
	8-4	.14	.08	.02	.04	.02	.02
	4-12	.11	.05	.00	.04	.02	.04
4/19/51	12-8	.02	.05	.01	.02	.01	.02
	8-4	.02	.10	.01	.01	.03	.03
	4-12	.03	.02	.00	.01	.01	.01
4/20/51	12-8	.09	.08	.01	.02	.04	.03
	8-4	.10	.07	.01	.01	.02	.03
	4-12	.50	.16	.04	.02	.03	.03
4/21/51	12-8	.02	.02	.03	.03	.02	.03
	8-4	.19	.07	.02	.17	.10	.05
	4-12	.04	.07	.01	.02	.02	.01
4/22/51	12-8	.05	.05	.02	.01	.04	.01
	8-4	.05	.02	.03	.02	.02	.04
	4-12	.07	.04	.00	.01	.02	.03

APR 1951

37

4-9-51 — 4-15-51

1405 AIR SAMPLES

Total - 126

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
	12-8	.06	.08	.04	.02	.01	.02			
4/9/51	8-4	.12	.18	.02	.02	.04	.12			
	4-12	.08	.25	.01	.03	.06	.05			
	12-8	.18	.43	.01	.03	.06	.04			
4/10/51	8-4	.07	.22	.02	.03	.16	.02			
	4-12	.09	.20	.01	.03	.02	.03			
	12-8	.14	.17	.01	.02	.03	.02			
4/11/51	8-4	.21	.09	.08	.02	.04	.02			
	4-12	.17	.14	.06	.03	.04	.01			
	12-8	.12	.03	.02	.03	.04	.01			
4/12/51	8-4	.11	.10	.02	.02	.04	.01			
	4-12	.11	.15	.00	.03	.02	.01			
	12-8	.04	.06	.01	.01	.01	.03			
4/13/51	8-4	.09	.09	.01	.01	.05	.01			
	4-12	.12	.11	.01	.01	.04	.01			
	12-8	.06	.03	.02	.03	.03	.02			
4/14/51	8-4	.11	.05	.00	.01	.02	.01			
	4-12	.11	.07	.02	.04	.06	.05			
	12-8	.11	.07	.05	.02	.03	.23			
4/15/51	8-4	.05	.05	.03	.02	.03	.02			
	4-12	.15	.09	.02	.01	.12	.07			

RECEIVED
APR 27 1951

38

4/2/51 — 4/8/51

1405 AIR SAMPLES

To [illegible]-126

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
4/2/51	12-8	.48	.59	.03	.06	.07	.01			
	8-4	.14	.16	.02	.03	.04	.01			
	4-12	.41	.06	.00	.01	.02	.03			
4/3/51	12-8	.04	.08	.01	.02	.02	.00			
	8-4	.09	.11	.00	.03	.06	.02			
	4-12	.05	.15	.00	.02	.04	.02			
4/4/51	12-8	.06	.24	.02	.02	.13	.02			
	8-4	.04	.10	.01	.01	.06	.12			
	4-12	.17	.05	.00	.01	.03	.07			
4/5/51	12-8	.08	.25	.01	.03	.07	.02			
	8-4	.07	.09	.03	.02	.03	.02			
	4-12	.12	.25	.00	.01	.03	.03			
4/6/51	12-8	.05	.03	.02	.02	.04	.02			
	8-4	.03	.02	.00	.00	.01	.02			
	4-12	.02	.09	.01	.01	.01	.02			
4/7/51	12-8	.09	.19	.01	.02	.01	.01			
	8-4	.05	.03	.00	.01	.01	.02			
	4-12	.13	.05	.00	.05	.00	.01			
4/8/51	12-8	.10	.49	.06	.05	.02	.01			
	8-4	.07	.06	.02	.13	.02	.02			
	4-12	.04	.04	.02	.01	.04	.02			

RECEIVED
APR 16 1951

3/27/51 — 4/1/51

K-1405 AIR SAMPLES

1.37
1.75
.44
.52
.84
.46
5.38

Total (Mark)-

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
3/26/51	12-8	.05	.04	.02	.02	.02	.05			
	8-4	.07	.12	.00	.01	.01	.01			
	4-12	.13	.26	.01	.01	.01	.05			
3/27/51	12-8	.04	.26	.01	.01	.02	.02			
	8-4	.07	.10	.03	.02	.04	.01			
	4-12									
3/28/51	12-8	.12	.12	.01	.01	.04	.01			
	8-4	.05	.06	.01	.03	.03	.02			
	4-12	.02	.04	.01	.01	.02	.01			
3/29/51	12-8	.03	.02	.02	.02	.02	.02			
	8-4	.10	.06	.06	.10	.20	.02			
	4-12	06	.07	.03	.05	.08	.03			
3/30/51	12-8	05	04	.14	.08	.12	.06			
	8-4	.37	.18	.01	.02	.07	.02			
	4-12	.05	.06	.02	.05	.05	.05			
3/31/51	12-8	.22	.21	.02	.04	.06	.04			
	8-4	.21	.10	.02	.02	.03	.02			
	4-12	.03	.01	.02	.02	.02	02			
		1.37	1.75	.44	.52	.84	.46			
4/1/51	12-8	.16	.05	.01	.00	.03	.01			
	8-4	.02	.01	.01	.02	.04	.00			
	4-12	.06	.15	.01	.04	.04	.02			

RECEIVED
APR 10 1951

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3/19/51 — 3/25/51

K-1435 AIR SAMPLES

Total - 125

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
3/19/51	12-8	.08 (8)	.02 (10)	.03 (4)	.04	.04 (9)	.02 (3)
	8-4	.05	.02	.01	.02	.06	.02
	4-12	.21	.09	.01	.02	.01	.01
3/20/51	12-8	.13	.09	.02	.05	.06	.11
	8-4		.09	.04	.03	.08	.06
	4-12	.14	.08	.03	.03	.06	.02
3/21/51	12-8	.19	.24	.01	.04	.13	.02
	8-4	24	.29	.01	.24	.07	.06
	4-12	.11	.14	.01	.04	.11	.01
3/22/51	12-8	.08	.09	.01	.05	.05	.01
	8-4	.11	.04	.01	.02	.08	.01
	4-12	.18	.09	.02	.02	.04	.10
3/23/51	12-8	.01	.02	.02	.05	.06	.01
	8-4	.11	.11	.02	.02	.21	.01
	4-12	.06	.11	.01	.01	.04	.01
3/24/51	12-8	.11	.13	.03	.03	.04	.05
	8-4	.10	.10	.02	.02	.06	.02
	4-12	.09	.14	.03	.01	.04	.05
3/25/51	12-8	.07	.14	.06	.06	.04	.04
	8-4	.16	.06	.02	.02	1.73	.05
	4-12	.04	.23	.01	.01	.02	.01
		2.27	2.62	.43	.83	3.03	.76

RECEIVED
MAR 30 1951

3/12/51 — 3/18/51

21
6
120

K-1435 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
3/12/51	12-8	.15	.11	.04	.02	.05	.02
	8-4	.15	.14	.08	.01	.07	.04
	4-12	.09	.05	.00	.00	.00	.02
3/13/51	12-8	.05	.10	.03	.02	.03	.02
	8-4	.07	.12	.05	.04	.05	.02
	4-12	.10	.07	.09	.02	.02	.01
3/14/51	12-8	.10	.07	.10	.05	.09	.02
	8-4	(.22)	.11	.12	.05	.15	.01
	4-12	.10	.07	.05	.04	.06	.02
3/15/51	12-8	.09	.04	.17	.03	.06	.02
	8-4	.16	.09	.14	.08	.23	.03
	4-12	.09	.06	.05	.03	.03	.03
3/16/51	12-8	.30	.18	.04	.06	(.75)	.03
	8-4	.07	.18	.07	.03	.08	.02
	4-12	.07	.08	.05	.03	.05	.05
3/17/51	12-8	.20	(.88)	.09	.06	.10	.03
	8-4	.41	.26	.08	.04	.07	.04
	4-12	.09	.08	.04	.02	.02	.02
3/18/51	12-8	.07	.05	.06	.02	.04	.03
	8-4	.04	.04	.02	.02	.03	.02
	4-12	.04	.02	.01	.02	.02	.01
		1.66	2.80	1.38	.69	2.00	.51

Tot. 126

eh

Week ending
March 4, 1951

K-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
2/26	12-8	.07	.09	.04	.02	.02	.02
	8-4	.07	.14	.04	.03	.03	.02
	4-12	.19	.18	.04	.01	.08	.02
2/27	12-8	.03	.03	.02	.01	.02	.01
	8-4	.19	.21	.03	.07	.04	.03
	4-12	.09	.47	.03	.05	.08	.11
2/28	12-8	.07	.07	.01	.04	.11	.01
	8-4	.03	.04	.00	.02	.02	.02
	4-12	.30	.09	.01	.02	.04	.01
		1.04	1.32	.22	.27	.44	.26
3/1	12-8	.10	.05	.01	.02	.03	.02
	8-4	.04	.05	.03	.01	.01	.01
	4-12	.13	.05	.01	.04	.02	.04
3/2	12-8	.09	.04	.01	.02	.02	.01
	8-4	.03	.06	.03	.01	.02	.05
	4-12	.04	.04	.03	.02	.02	.03
3/3	12-8	.02	.07	.02	.04	.03	.01
	8-4	.04	.09	.03	.03	.04	.02
	4-12	.08	.06	.01	.02	.03	.02
3/4	12-8	.12	.09	.03	.05	.04	.05
	8-4	.10	.07	.04	.02	.02	.04
	4-12	.12	.11	.02	.01	.03	.04
		.91	.78	.27	.29	.31	.34

Feb. Total - 54
No O.T.

26

RECEIVED
MAR 13 1951

43

Week Ending 3-11-51

K-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
3-5	12-8	.05	.10	.04	.04	.04	.03
	8-4	.08	.10	.07	.07	.10	.03
	4-12	.05	.10	.11	.03	.04	.02
3-6	12-8	.10	.08	.02	.01	.03	.21
	8-4	6.39	.90	.11	.05	.27	.04
	4-12	.65	.07	.03	.03	.03	.03
3-7	12-8	.05	.03	.02	.02	.02	.02
	8-4	.04	.07	.03	.08	.02	.01
	4-12	.06	.04	.02	.02	.04	.01
3-8	12-8	.11	.09	.01	.02	.02	.01
	8-4	.04	.03	.01	.01	.01	.01
	4-12	.04	.04	.03	.01	.03	.02
3-9	12-8	.05	.15	.01	.01	.05	.01
	8-4	.04	.22	.03	.02	.03	.03
	4-12	.04	.21	.01	.01	.02	.03
3-10	12-8	.03	.06	.03	.01	.01	.02
	8-4	.03	.15	.02	.01	.02	.02
	4-12	.01	.04	.02	.00	.02	.02
3-11	12-8	.02	.06	.02	.03	.02	.00
	8-4	.12	.07	.02	.02	.06	.02
	4-12	.16	.07	.02	.02	.04	.03
		8.16	2.68	0.67	0.52	0.92	0.62

1 OT
1 High Below

Tot ~~[illegible]~~
1.26

D. C. Brater

RECEIVED MAR 19 1951

44

rukunding 2/25/51

K-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
2-19	12-8	.01	.25	.05	.03	.05	.02
	8-4	.01	.11	.02	.03	.02	.03
	4-12	.05	.04	.02	.02	.01	.03
2-20	12-8	.32	.03	.18	.12	.04	.01
	8-4	.14	.14	.06	.03	.06	.03
	4-12	.10	.18	.07	.03	.08	.02
2-21	12-8	.07	.06	.06	.04	.05	.01
	8-4	.10	.15	.05	.05	.10	.01
	4-12	.35	.23	.11	.02	.03	.03
2-22	12-8	.10	.28	.10	.02	.09	.01
	8-4	5.95	.97	.08	.04	—	.01
	4-12						
2-23	12-8	.94	.16	.22	.07	.12	.02
	8-4	.50	.40	.04	.03	.03	04
	4-12	.04	.06	.02	.03	.01	.01
2-24	12-8	.18	.54	.04	.03	.02	.02
	8-4	.02	.25	.14	.04	.02	.01
	4-12	.13	.87	.07	.01	.03	.01
2-25	12-8	.06	.09	.03	.02	.02	.01
	8-4	.13	.12	.03	.01	.02	.02
	4-12	.05	.04	.02	.01	.01	.02
		9.25	4.97	1.41	.68	.81	.37

Total - 119
O.T. - 13
High Below -

RECEIVED
MAR 13 1951
WS

J. L. Martin

45

week ending 2/18/51

K-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
		1	9	10	9	1	
2-12	12-8	.08	.03	.05	.05	.05	.01
	8-4	.04	.01	.04	.02	.01	0
	4-12	.09	.08	.04	.04	.02	.01
2-13	12-8	.10	.06	.03	.03	.04	.04
	8-4	.10	.03	.02	.02	.03	0
	4-12	.01	.06	.02	.03	.03	.01
2-14	12-8	.71	.40	.48	.47	.13	0
	8-4	.56	2.43	.29	.39	.20	.04
	4-12	.04	.04	.05	.01	.02	.06
2-15	12-8	.15	.38	.06	.10	.04	.03
	8-4	.20	.22	.08	.03	.06	.01
	4-12	.23	.24	.55	.05	.11	.05
2-16	12-8	.35	.11	.29	.05	.30	.02
	8-4	.14	.19	.16	.02	.14	.02
	4-12	.10	.15	.13	.04	.09	.08
2-17	12-8	.03	.02	.05	.02	.04	.03
	8-4	.13	.03	.11	.05	.09	.01
	4-12	.06	.06	.01	.05	.02	.01
2-18	12-8	.15	.17	.06	.04	.10	.02
	8-4	.04	.05	.04	.03	.03	.02
	4-12	.02	.08	.07	.03	.05	.01
		3.33	4.85	2.63	1.57	1.60	.48

Tot. 126
Over Tol 1
Nikelow 1

RECEIVED
MAR 1 1951

46

Mr. Martin is Man is terminated.
Mail Dept.

week ending 2/11/51

K-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
		12	4	9	8	5	
2-5	12-8	.08	.05	.03	.01	.02	.01
	8-4	.01	.01	.01	.01	.01	.02
	4-12	.08	.01	.09	.03	.03	.01
2-6	12-8	.16	.03	.09	.01	.02	.01
	8-4	.05	.01	.03	.03	.01	0
	4-12	.05	0	.07	.03	.01	0
2-7	12-8	.04	.03	.02	.02	.01	.03
	8-4	.06	.01	.04	.09	.03	.01
	4-12	.25	.10	.11	.09	.13	.01
2-8	12-8	.07	.01	.04	.01	.03	.02
	8-4	.36	.06	.15	.17	.14	.03
	4-12	.15	1.31	.09	.09	.11	.02
2-9	12-8	.28	.10	.37	.29	.08	.01
	8-4	.06	.01	.02	.02	.03	.01
	4-12	.21	.21	.04	.02	.02	.01
2-10	12-8	.08	.04	.05	.03	.03	0
	8-4	.09	.05	.03	.05	.03	.03
	4-12	2.78	.34	1.54	.98	.48	.02
2-11	12-8	.11	.04	.03	.03	.02	.05
	8-4	.09	.02	.04	.02	.02	0
	4-12	.16	.02	.05	.04	.03	0
		5.22	2.46	2.94	2.07	1.29	.30

O.T.

3 High Below Tol.
Total - 126
Over Tol 1

RECEIVED FEB 23 1951

J. A. Martin

47

126

K-1405 AIR SAMPLES

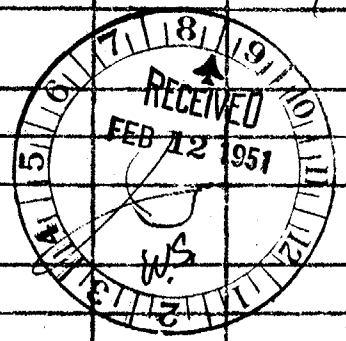
week ending 2/4/51

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
1-29	12-8	.01	.01	.03	.01	.02	.02
	8-4	.09	.02	.03	.02	.02	.01
	4-12	.07	.03	.06	.03	.03	.01
1-30	12-8	.01	.08	.08	.06	.06	.02
	8-4	.09	.05	.10	.06	.01	.01
	4-12	.06	.03	.05	.03	.04	.03
1-31	12-8	.09	.03	.10	.09	.11	.03
	8-4	.07	.07	.08	.05	.08	.03
	4-12	.05	.05	.03	.03	.07	0
		.54	.37	.56	.38	.44	.16
2-1	12-8	.06	.06	.15	.15	.07	0
	8-4	.18	.03	.22	.20	.30	.03
	4-12	.24	.07	.16	.16	.06	.04
2-2	12-8	.05	.04	.15	.14	.20	.04
	8-4	.09	.02	.38	.29	.13	.12
	4-12	1.35	.16	.14	.08	.11	.04
2-3	12-8	.24	.06	.26	.15	.36	.02
	8-4	.15	.03	.08	.04	.05	.03
	4-12	.11	.01	.02	.03	.01	.01
2-4	12-8	.02	.01	.03	.01	.01	.02
	8-4	.03	.01	.01	.03	.02	.02
	4-12	.02	.02	.02	.01	.02	.04
		2.54	.52	1.62	1.29	1.34	.41

54 for Jan.

No over Tol.
1 High Below Tol.

Total 126
54
72



RECEIVED FEB 12 1951 W.S.

J. A. Martin

48

week ending 1/28/51

K-1435 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
1-22	12-8						
	8-4			1			
	4-12	9 .09	8 .01	.05	4 .01	10 .05	.04
1-23	12-8	.27	.08	.11	.03	.23	.04
	8-4	.11	.05	.10	.22	.14	.04
	4-12	.17	.03			.25	.03
1-24	12-8	.02	.09	.08	.05	.13	
	8-4	(.78)	.05	.11	.14	.18	
	4-12	.06	.34	.17	.35	.19	.03
1-25	12-8	.03	.09	.36	.30	.12	.03
	8-4	.19	.02	.26	.05	.12	.02
	4-12	.22	.09	.10	.30	.15	.05
1-26	12-8	.14	.33	.07	.04	.17	.10
	8-4	.35	.04	.05	.01	.07	.01
	4-12	.08	.03	.07	.03	.18	0
1-27	12-8	.06	.02	.09	.02	.06	.01
	8-4	.17	.05	.12	.10	.28	.01
	4-12	0	.01	0	0	.02	0
1-28	12-8	.03	.04	.07	.05	.06	.01
	8-4	.04	.05	.05	.11	.18	.01
	4-12	.01	.02	.03	.02	.03	.05
		2.82	1.44	1.89	1.83	2.61	.48

High Below Tol. - 1
Over Tol - 0

Total 100

RECEIVED
FEB 6 1951

week ending 1/21/51

K-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1			
1-15	12-8	.05	.05	.07	.01	.08	.05			
	8-4	.02	.02	.01	.02	.05	.03			
	4-12	.01	.06	.01	.02	.03	.15			
1-16	12-8									
	8-4	.03	.15	.07	.14	.08	.01			
	4-12	1.41	.21	.53	.11	.28	.01			
1-17	12-8									
	8-4	.05	.45	.52	.16	1.41	.01	Total - 102		
	4-12	.22	.02	.42	.02	.28	.05	O.T. - 1		
1-18	12-8	.42	.05	.23	.04	.09	.04	Hi Below Tol. 2		
	8-4	.05	.30	.13	.02	.17	.01			
	4-12	.08	.04	.27	.05	.10	.01			
1-19	12-8	.03	.02	.04	.02	.01	.17			
	8-4	.01	.10	.06	.01	.02	.04			
	4-12	.02	.05	.05	.01	.03	.06			
1-20	12-8	.01	.05	.03	.12	.03	.04			
	8-4	.02	.04	.08	.03	.04	.04			
	4-12	.02	.08	.04	.03		.01			
1-21	12-8	.01	.03	.02	.02		.02			
	8-4	2.04	.15							
	4-12									
		4.50	1.87	2.58	.83	2.70	.75			

RECEIVED JAN 29 1951

50

To Sue

week ending 1/7/51

K-1405 AIR SAMPLES

Date	Shift	B_1	B_2	C_1	C_2	C_3	D_1
1-2	12-8	.07	.03	.04	.08	.07	.04
	8-4	.08	.05	.04	.08	.07	.04
	4-12	.19	.06	.07	.50	(.77)	.09
1-3	12-8	.10	.03	.09	.05	.06	.04
	8-4	.10	.01	.38	.06	.29	.03
	4-12	.09	.04	.27	.13	.25	.01
1-4	12-8	.02	.07	.07	.07	.13	.15
	8-4	.0	0	.01	.02	.01	.01
	4-12	.08	.02	.07	.02	.03	.02
1-5	12-8	.01	.05	.02	.01	.03	.03
	8-4	.08	.04	.03	.03	.04	.02
	4-12	.11	.01	.04	.04	.04	.05
1-6	12-8	.05	.03	.04	.06	.03	.02
	8-4	.04	.02	.03	.04	.04	.01
	4-12	.02	.08	.08	.03	.08	.02
1-7	12-8	.04	(1.29)	.68	.10	.54	.03
	8-4	.11	.05	.05	.03	.05	.11
	4-12	.04	.01	.05	.02	.14	.03
	12-8						
	8-4						
	4-12						
		1.23	1.99	2.06	1.37	2.67	.75

RECEIVED JAN 17 1951

J. M. Martin

High Below Tol. 2

Tot - 108

O - Over Tol.

51

To SHE

week ending 1/14/51

K-1405 AIR SAMPLES

Date	Shift	middle Rm B_1	B_2	East Rm C_1	C_2	C_3	Powder Transfer Room D_1
1-8	12-8	.05	.26	1.46	.21	.71	.03
	8-4	.02	.06	.06	.03	.05	.03
	4-12	.04	.08	.05	.06	.05	.04
1-9	12-8	.05	.01	.05	.05	.02	.02
	8-4	.18	.31	.27	.17	.59	.12
	4-12	.08	.21	.13	.41	.32	.14
1-10	12-8						
	8-4	.10	.26	.11	.18	.01	.03
	4-12	.02	.67	.06	.06	.03	.04
1-11	12-8	.12	.02	.03	.03	.09	.01
	8-4	.08	.02	.05	.05	.05	.09
	4-12	.13	.08	.08	.10	.12	.13
1-12	12-8						
	8-4	.06	.06	.19	.11	.08	.02
	4-12	.04	.15	.13	.04	.12	.04
1-13	12-8	.08	.66	.08	.06	.17	.03
	8-4	.11	.96				.02
	4-12	.29	.46	.09	.22	.16	.07
1-14	12-8	.04	.07	.03	.04	.05	.03
	8-4	.03	.01	.03	.02	.02	.01
	4-12	.09	.02	.04	.02	.07	.02
		1.41	4.37	2.64	1.85	2.71	.92

RECEIVED JAN 26 1951

Tot-111
OT-0
Bel Tol.-1

52