

INTER-OFFICE MEMORANDUM

UNCLASSIFIED

A-84-019

61-22

DATE June 23, 1945

J. W. Kennedy

~~CONFIDENTIAL~~

FINAL DETERMINATION  
UNCLASSIFIED  
L. M. Redman  
JAN 22, 79

710259

FROM L. H. Hempelmann

SUBJECT: Exposure of Personnel in Recovery Group

This is to confirm our telephone conversation of 22 June 1945 during which we discussed the recent high exposure of personnel in the Recovery Group. Attached is a list of all urine counts of the people in this group and of high nose counts during the past month. This indicates, I think, that the situation is extremely serious and seems to be getting completely out of hand. The probable exposure of these persons (as indicated by the very high nose counts) is sufficiently alarming, in my opinion, to prompt me to advise that drastic steps be taken to reduce exposure even before we show by urinalysis that they have exceeded our accepted "safe" limit of 49 in their bodies. If these values have not been exceeded already, they will be exceeded very shortly unless conditions improve greatly. It is my opinion that the members of this group have urine analysis by Langham's group as soon as humanly possible.

I know that you and Hinch have been greatly concerned about this problem for the past week and that you have met with this group and taken steps to improve their chemical operations. I can appreciate how difficult is the problem of reducing exposure yet meeting the increased schedule of processing 49; nevertheless, it is my duty to bring officially to your attention what I regard as a very grave medical problem.

I should also like to state that [redacted] has exceeded on two occasions the accepted "safe" limit of 49 in the urine set by us with Lt. Col. Friedell. He is about to leave on furlough and will be checked again upon his return. Until further studies have been made, I recommend that he no longer be allowed to work with 49.

L. H. Hempelmann

LHH:CSN

cc: D. Lipkin  
W. Hinch  
file

~~CONFIDENTIAL~~

UNCLASSIFIED

CLASSIFICATION CANCELLED  
PER DOC REVIEW JAN. 1973

FILE BARCODE



00132544

UNCLASSIFIED

June 23, 1945

[REDACTED] counts:

5/9/45	82,78
5/16/45	238,195
5/18/45	47,77
5/23/45	126,122
5/24/45	197,52
5/29/45	75, 175
5/31/45	96,53
6/7/45	305,315
6/9/45	62,232
6/11/45	980,458
6/13/45	107,187

Urine Counts:

	c/m/day
3/19/45	4.3
5/4/45	4.8
6/7/45	11.4
6/16/45	21.0

Nose counts:

5/7/45	69
5/9/45	78,82
5/14/45	74,119
5/15/45	61,86
5/18/45	99,120
5/19/45	147,151
5/23/45	90,220
5/24/45	190,237
6/2/45	26,88

CLASSIFICATION CANCELLED  
PER DOC REF. JAN. 1973

UNCLASSIFIED

9207026

1068574

00132544.002

LANL

~~CONFIDENTIAL~~

UNCLASSIFIED

June 23, 1945

[redacted] (con't.)

Nose counts:

6/4/45	100,216
6/5/45	213,321
6/6/45	71,66
6/7/45	201,291
6/9/45	286,89
6/11/45	326,1181
6/12/45	454,385
6/13/45	1107,1292
6/14/45	229,509
6/15/45	560,623
6/16/45	630,1203
6/18/45	92,146
6/19/45	678,928
6/20/45	1004,1506

Urine count:

5/31/45 2.3 c/m/day

Nose Counts:

5/15/45	27,73
5/16/45	172,196
5/18/45	41,421
5/19/45	129,138
5/29/45	67,101
5/31/45	82,250
6/4/45	174,930
6/5/45	194,272
6/6/45	43,163
6/7/45	131,267
6/9/45	

~~CONFIDENTIAL~~

UNCLASSIFIED

CLASSIFICATION CANCELED

~~UNCLASSIFIED~~  
~~CONFIDENTIAL~~

-4-

June 23, 1945

[redacted] (con't.)

6/14/45	165,170
6/15/45	416,504
6/18/45	501,720
6/16/45	574,246
6/19/45	3111,2559
6/20/45	150,199

Urine Counts:

3/13/45	1.1 c/m/day
5/6/45	2.5
6/14/45	6.5

[redacted]

Nose counts:

5/18/45	92,107
6/4/45	97,143
6/5/45	83,191
6/7/45	86,287
6/9/45	65,75
6/14/45	526,354
6/15/45	432,2416
6/16/45	325,938
6/18/45	462,822
6/19/45	448,323
6/20/45	10,100

Urine counts:

5/13/45	3.2 c/m/day
6/14/45	4.2 c/m/day

~~CONFIDENTIAL~~

[redacted]

Nose counts:

~~UNCLASSIFIED~~

5/14/45	129,444
5/16/45	68,68
5/17/45	30,178

CLASSIFICATION CANCELLED  
BY SAC REVIEW JAN 1973

00132544.004

2207 027

1068576

LANL

**UNCLASSIFIED**

June 23, 1945

~~██████████~~ (con't.)

June 2, 1945	1039,29
6/7/45	335,64
6/9/45	12,53
6/11/45	55,319
6/15/45	77,108
6/16/45	370,550
6/18/45	154,232
6/19/45	211,181

Urine counts:

3/22/45	3.4 c/m/day
6/6/45	4.2 c/m/day

~~██████████~~  
Nose counts:

5/28/45	24,88
6/4/45	81,173
6/5/45	116,136
6/7/45	264,388
6/9/45	108,171
6/11/45	157,189
6/12/45	87,160
6/13/45	60,105
6/15/45	125,150

Urine counts:

3/16/45	2.2 c/m/day
5/10/45	217 c/m/day

2207 097

1068577

**UNCLASSIFIED**

CLASSIFICATION CANCELLED

00132544.005