OAK RIDGE NATIONAL LABORATORY
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CARBIDE and CARBON CHEMICALS CORPORATION
FOR THE
ATOMIC ENERGY COMMISSION
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ChemRisk Repos. No. 2040

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NOTEBOOK NO. 95 Box 2838

PARTIAL COPY

Assigned to: A. D. Warden
Department: Health Physics
Location: 104 B or 706 D.
Date: 5-11-49

This notebook is assigned to personnel performing research and development work and must be used for all original calculations, notes and abstracts from reports.

Assignee is responsible for the safe-guarding of this notebook in accordance with security regulations.

Do not use scrap paper.

Be sure to record all personal conferences.

This notebook must be returned to Central Files-Bldg. 703-A when completed or upon termination of assignee.

Subject	Page

RESTRICTED DATA
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SECRET

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

David R Hamrin 7/24/95
Technical Information Officer Date
ORNL Site

ChemRisk Document No. 2040

Date

05/24/49

4 38/A Started P-2 and F-1 at A-1 blister as 2nd coating removal sample was started - both ran 10 min before and after sample was taken.
Sample read 25 mr/hr at 2" CPWO

4-6 at 104 B Counting Phoenix smears and outgoing Isotope carrier smears
See smear log for results

7 00/A Ogg to K-25 IBM cards

7 00/A Called to 720 by patrol to get mud turtle which they found 1/4 mile NW of W.O. Dam - It read r .5 mr/hr with vectorium - put in red can and left at 104 B for Cattrell.

7 30/A Picked up film rings at 706 D-105 & 205.

6 00/A Checking outgoing Isotope carriers no time to finish

8-4 MAY 24 1949 Guinn + Nichols

8 15/a Survey for maintenance on third level. Nothing more than building background was encountered, except around the sink in the northeast corner, it read 30 mr/hr

Signed

Date
MAY 25 1949 12 – 8 Cain & Ogg

Checked all CAM, micromas H & F Counter

Issued film rings to personnel in 205, HPP – 105, 706D oper. & Chem.

12 30 A 1 45 A Survey in Cell III Bldg. 205 for Hot Pilot Plant operators. Found reading where operator had to stay most of the shift was 8 mr/hr.

Routine survey of Chem. Lab. 205-Bldg. Found one BN floor spill reading 13 mr/hr. No α detected as far as survey taken (Poppy went bad again).

Routine survey of roof sampling area -- found 706A Chemist _____ working in a field of 25- 150 mr/hr. He has been up there since 4 00 P 5-24-49. -- will be there until 8 00 A this AM. A large part of his time is spent sitting down watching the special process, but he must be near the apparatus therefore must sit in a 25-35 mr/hr field. He was informed of the working time for a 100 mr/hr dose. He is there constantly except for about 30 min for lunch. It seems this situation could have been avoided by having at least two men stagger the job.

1 17 A Ran 1P and 1F at A-8 blister before and after taking 8 WMA sample. Sample read 7 rkhr at 8" – 1 rkhr at Bailey's hand while taking sample. 300 mrkhr thru side of lead carrier while taking to S hot lab.

Signed

Date
MAY 28 1949 8-4 Arthur - Wiggins

8 00 A Time consumed with skyshine (31 r/hr)
to and removal of product.
11 00 A Masks were worn both before and during removal.
and the filters are in the H.P. office here.
11 00 A To W.O. for water sample - water was not running
in trough so sample was taken below the dam.
Spent 45 min. in counting room counting pro. carrier
smears.
12 00 P Routine bldg. survey - dam near everything is tagged.
125 smears taken
1 30 P Finished smearing 3rd level.

3 00 P Finished tagging red cars on E. loading ramp.

2 50 P Checked mics - rise in air activity recorded in
chemistry lab. and on C.A.M. to outside on 1st
level. - Operations was neutralizing in
A-6 at the time rise started. It now seem
to be leveling off.

~10 45 A Monitored removal of glassware rinse from
Cell B. With paper still on carrier. Hotte
spot 2000 mr/hr after paper removed
Hottest spot 250 mr/hr @ Base.
11 50 N. Initialed Micro.
12 00 P Changed Weather Chart & Rain Chart
1 00 P Changed samples in Counter for Farabee 719-B
2 00 P Pickup meters Y-12

over.

Signed