

SPEEDIMEMO

file

TO J. W. CLAYTON, JR	DEPT.-LOCATION HASKELL LAB, NEWARK, DEL
FROM B. H. PERKINS	DEPT.-LOCATION PIGMENTS, NEWARK, N.J.
SUBJECT TOXICITY TESTS	DATE 6/8/62

MESSAGE:

ANY RESULTS ON THE T.O₂ SAMPLES I SENT
TO ^{MISS HOOD} YOU ON 12/19/61

T.O₂ - YCRT.O₂ - LOCR

REF. MY LETTER OF 12/19/61 TO YOU

ORIGINATOR—DO NOT WRITE BELOW THIS LINE

SIGNED

B H Perkins

REPLY: D, difficulties in handling the two samples prevented our carrying out dust inhalation studies as we did with coated mica flakes. Therefore we injected 50 mg of each sample into the trachea of four male rats to evaluate tissue response. The pigment-treated rat showed pulmonary changes, i.e. they had labored breathing. There was some slight loss. None died however and they were sacrificed in good condition 4 days after treatment. Our pathology is not completed.

DEPT.-LOCATION

SIGNED

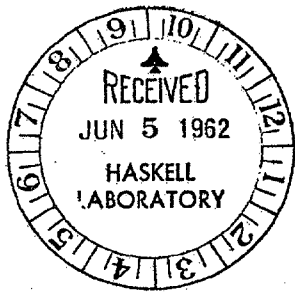
J W Clayton

DATE

6/13/62

SEND PARTS 1 AND 2 INTACT—PART 2 WILL BE RETURNED WITH REPLY

N37244



DON'T SAY IT—WRITE IT

DATE 6/8/62 ^{Tex file}

To J.W. Clayton LOCATION _____
 FROM SJH LOCATION _____ PHONE No. _____

Ref 3106
 3107 (TiO₂).

These ~~expts~~ were found too difficult to handle by any of our dust producing devices. They were done by intra-tracheal insufflation (400 ml each cpl — incl of 5% suspension in saline & saline control) and killed 4 days later for pathology.

— Results — pigment noted — dyspnea with some weight loss. One rat of H# 3107 developed corneal opacity of ^{left} ~~right~~ eye.

No pathology to hand.

As preliminary — further work to depend on results S.D.M.
 of this (5/16/62)

BLOCK ACCIDENTS BY TACKLING WORK SAFELY