

**UNION
CARBIDE**

**INTERNAL
CORRESPONDENCE**

UNION CARBIDE CORPORATION TECHNICAL CENTER
P.O. BOX 8361, SOUTH CHARLESTON, WV 25303

To: Dr. Susan G. Austin
From: Section P2586
Subject: Danbury, Location #500
Area:

Date: November 4, 1983

Originating Dept.

Area:

Mr. J. H. Barrett - 803
Mr. T. E. Lawrence - 500
Dr. W. E. Gorham - 312
Dr. T. A. Lincoln - 500

Subject: Vinyl Chloride
Epidemiology Study

Dear Susan:

UCC participation in the study was originally authorized and supported by the Coatings Materials Division at least one reorganization ago. In today's organization, the Solvents and Coatings Material Division and the Specialty Chemicals Division use vinyl chloride as a raw material in some of their products.

As regards the re-analyses of the 1972 data, I'm not sure what is meant. The committee appeared to want the following:

1. Confirmation of the status of 815 individuals who on review by the plants were reclassified as non-exposed (UCC has 381 of these).
2. A check of the 707 persons shown as deceased in the original study to confirm their exposure status (UCC will have about 200 of these).

Admittedly the more the data is massaged, the better the quality but further work on the 815 reclassified as non-exposed would tilt the results unless all the 9255 persons were confirmed. Your group has checked UCC's portion (1492) thoroughly and I think the committee should be told that we will do no further work on these records.

The failure to check the exposure status of the 707 deceased persons was an error on the committee's part that should be corrected to reduce bias. If the error ratio applies to these records too, then about 60 will be reclassified as non-exposed. Confirmation of these records is the only work you should consider.

UCC
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Dr. Susan G. Austin

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November 4, 1983

The foregoing is simply my opinion as to additional work that should be done. If I can help you check the exposure status of these ~200 persons, please let me know.

Very truly yours,



R. N. Wheeler, Jr.

RNWJr./rhw

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UNION CARBIDE CORPORATION OLD RIDGEBURY ROAD, DANBURY, CT 06817
Corporate Health, Safety and Environmental Affairs Department

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NOV 02 1983

October 28, 1983

R. N. Wheeler, Jr.

Mr. R. N. Wheeler
Union Carbide Corporation
P. O. Box 8004
South Charleston, WV 25303

Subject: Vinyl Chloride Epidemiology Study

Dear Nick:

A representative of our Epidemiology Department attended the last CMA/Vinyl Chloride Epidemiology Study Meeting in Washington, D.C.

As you may know, the panel decided at that time to embark upon Phase II of the Epidemiology Study which will involve analysis of the Vinyl Chloride Cohort. It was interesting to learn that other companies besides Union Carbide had some difficulty verifying that persons included in the original study were truly exposed based on work history records. As a result of this finding, the committee decided to re-analyze the 1972 data using only those persons believed to be exposed to vinyl chloride according to work history records in existence today. (I am not sure I agree with this approach -- it may lead to highly biased results.)

My purpose in writing to you is to notify you that the decision for Union Carbide to participate in this study will involve expenditures of time, effort and perhaps computer funds from this department. Before proceeding with any work, I would like clarification of what division(s) will be served and who will pay for costs. Two plants will be involved, the Texas City Plant and the South Charleston - Kanawha Valley Plant. I await your response and appreciate your attention to this matter.

Sincerely,

Susan G. Austin, Sc.D.
Corporate Director of Epidemiology

SGA/sar

cc: J. H. Barrett
T. E. Lawrence
T. A. Lincoln, M.D.

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UNION CARBIDE CORPORATION OLD RIDGEBURY ROAD, DANBURY, CT 06817
Corporate Health, Safety and Environmental Affairs Department

NICK, I BELIEVE THE HV EPI STUDY WILL GIVE US
INSIGHT INTO POTENTIAL HEALTH EFFECTS OF
CHEMS HANDLED. SOME IS NOT INTERESTED IN.
SIGNING TIME & \$ ON VYCL FOLLOWUP
UNTIL HV STUDY IS COMPLETED & WE CAN
ANALYZE ITS FINDINGS.

Mr. R. M. Wheeler
Union Carbide Corporation
P. O. Box 8004
South Charleston, WV 25303

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Corporate Director of Epidemiology

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OCT 31 1983
J. E. LAWRENCE

SEAN, WHAT ARE YOUR THOUGHTS?
APPROX WHAT \$ & EFFORT
WOULD BE REQUIRED?
Tim