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JAN 21 1980



Imperial
Chemical
Industries
Limited

Plastics
Division

Mr J T Seawell
Chemists Manufacturing Association
1825 Connecticut Av NW
Washington DC 20009
USA

Your ref.	Our ref	Tel ext	Date
	JS/SEW/DSO-16	3162	11 January 1980

Dear Mr Seawell

PVC DUST

Thank you for the copy of your minutes of the meeting my colleagues and I attended on 28 November. We did enjoy our discussion with your VC Research Coordinators group and thank you for your friendly reception and hospitality.

Dr Adams had hoped to write to you concerning your PVC dust minute but regrettably he had to go off to Germany for a few days and he asked me to write and give you his views.

Getting to grips with this rather complex IOM study without previous immersion in it poses a number of problems for a secretary. I congratulate you on your write-up. Dr Adams, like myself, wonders whether a page of your notes has gone missing at the end of 4.0. You dealt in some detail with the "breathlessness" findings to which little importance is attached because the information is derived from a somewhat subjective examination by questionnaire. However you did not deal at all with the most important finding viz the effect of PVC dust on "lung function". While we in ICI are sceptical about the radiological findings, we accept fully the "lung function" results. Dr Adams did describe the lung function work in the following terms:

"FEV1 and FVC were inversely related to the index of PVC dust exposure. Dust effect was studied after standardization for age, height and weight by multiple regression. This demonstrated a small but significant dust effect on FEV and they were also able to demonstrate that the dust effect was most marked in cigarette smokers and not apparent in non-smokers. The magnitude of loss in FEV1 was small. After taking into account the effects of age, height and weight, the overall regression with dust index was - 0.0040 litres per dust index unit. This was equivalent to a loss of 52 ml of FEV1 for the mean dust index. An illustration of this would be equivalent to a loss for all men of 5.2 ml of FEV1 per year during exposure to the mean of the dust index over a period of 10 years. In cigarette smokers considered separately, this loss was 8.9 ml of FEV1 per year.

These figures may be compared with the mean losses in the group due to age or smoking. The mean loss due to age is 35 ml and loss due to smoking 20 cigarettes a day, 6.2 ml a year.

CMA 004382

VINYL CHLORIDE SPECIAL PROJECT

Financial Statement 2/29/80

Phase VII - 17 Companies

CMA 004383

Amount pledged \$325,055
 Amount received \$333,488^a
 Budget authorized \$325,055

<u>Service/Program</u>	<u>Budget Authorized</u>	<u>Amount Committed</u>	<u>Disbursement</u>	<u>Unpaid Balance</u>	<u>Available for Commitment</u>
<u>RESEARCH</u>					
VC 7.0-DP/PREV-UL	\$ 287,784	\$ 287,784	\$ 71,983	\$215,801	\$ -0-
<u>ADMINISTRATION</u>	\$ 37,271	\$ 37,271			
Direct time			\$ 13,154		
Travel			-0-		
Miscellaneous			493		
Subtotal Administration	\$ 37,271	\$ 37,271	\$ 13,647	\$ 23,624	\$ -0-
<u>TOTAL PHASE VII</u>	<u>\$ 325,055</u>	<u>\$ 325,055</u>	<u>\$ 85,630</u>	<u>\$239,425</u>	<u>\$ -0-</u>

^aIncludes carryover from Phase VI of \$37,271