



THE DOW CHEMICAL COMPANY

BENNETT BUILDING
2030 DOW CENTER
MIDLAND, MICHIGAN 48640

September 7, 1983

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Office of Toxic Substances (WH-557)
U.S. Environmental Protection Agency
401 M Street, S.W.
Washington, D.C. 20460

R&S 002440

Re: FYI - Vinyl Chloride

Dear Sir/Madam:

Attached for your information are letters we've received dated August 10, 1983, and August 22, 1983. We have no further information regarding this matter and we have no data on exposure levels.

Very truly yours,

Etcyl Blair, Vice-President
and Director of
Health and Environmental Science
Chairman, Risk Evaluation Group
2020 Dow Center
Midland, MI 48640
(517) 636-5509

Enclosures

PS Form 3811, July 1982

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GPQ: 1982-578-093



DOW CHEMICAL U.S.A.

R&S 002441

MIDLAND, MICHIGAN 48640

1803 BUILDING
6 September 1983

Dr. E. W. Dacey
NIOSH
4676 Columbia Parkway
Cincinnati, OH 45226

Dear Dr. Dacey:

The attached correspondence dated 10 August and 22 August 1983 may be of interest to you in regard to the NIOSH Angiosarcoma Registry.

Sincerely yours,

T. R. Torkelson, Sc.D.
Toxicology/Medical Liaison
Health and Environmental Sciences
517/636-5197

g

cc: Dr. Brian Bennett, M.D. Imperial Chemical Industries, Ltd., P.O. Box 3
Cleveleys, Blackpool FY5 4QB, Lancaster, ENGLAND

Dr. John Stafford, Imperial Chemical Industries, Ltd., Plastics Division
Welwyn Garden City, Hertfordshire AL7 1HD, ENGLAND

Enclosures

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Imperial
Chemical
Industries
PLC

Petrochemicals and
Plastics Division

From J Stafford
Health & Environment Protection

To Dr W F Madden
Mr M Chance
Mr H R Jervis
Mr J G Davies
Mr H M Clayton
Mr Per Rangnes
Mr G Dupont
Dr T R Torkelson
Mr Pedro de Voogdt

Copies to: Dr B Bennett
Dr I F H Purchase
Dr D M J Williams
Dr K S Williamson/
Dr G M Paddle
Dr A P Wright

R&S 002442

Your ref	Our ref	Tel ext	Date
	JS/SEN/DSO-16	7535	10 August 1983

VCM - ASL CASE REGISTER

There is a disturbing development in Italy. PANSAC who make PVC bags by extrusion have had an employee die of cancer and Maltoni's diagnosis is "multicentric ASL" related to VCM exposure. The hospital pathologist is in agreement and I think we should take this as likely to be a confirmed diagnosis. The man's history is

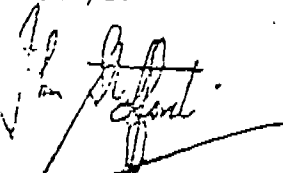
Died	6/4/83 (Age 46)
Pansac Extrusion Dept	1967-1975
Pansac Commercial Depts	1976-1983
First symptoms	7/3/83
Hospitalised	26/3/83

This is the second death at PANSAC. In the ASL register I have always included It 01, a man who died at age 36 on 16/4/71 after 3 years exposure. The primary tumour may have been of the pericardium. Maltoni had seen the data on this first case in 1971 and recalled it when the VCM/ASL connection became clear in 1973/4. Maltoni has tended to push this first case which I have labelled as "not homogeneous with other ASL cases".

The disturbing feature is that there now seem to be 2 "cases" at a PVC fabrication plant with a small number of exposed employees. Maltoni is reported to have said 2 out of 80 exposed employees at PANSAC have had VCM related tumours. Hearsay evidence suggests that PANSAC extruded PVC in a totally unventilated workshop and in the 60's and early 70's the VCM concentration in the atmosphere might have been quite high. Nevertheless it now looks as if we have the likelihood of a reasonably well authenticated ASL case attributable to VCM in the fabrication industry. The case had a short exposure (8 years) ending in 1975.

None of this makes sense when one considers that the total Italian VCM/PVC industry has had only 3 ASL cases! Why should an Italian PVC fabricator have 1/2 ASL cases out of a workforce of 80?

A copy of the Montedison telex with details is appended. Perhaps we will hear more from the Italian delegate at the Porsgrunn meeting on 26 August. It will be interesting for example to learn if there were any repercussions in the Italian media when details of the case became known. Though the death occurred in April, news is only now filtering through to us; it would appear that such an event does not cause the furore which would have occurred in 1974/5.


J Stafford

R&S 002443