

CHEMICAL MANUFACTURERS ASSOCIATION
Vinyl Chloride Health Committee
Record of Meeting

Date: October 31, 1995
Time: 10:30 a.m.-- 3:00 a.m.
Place: CMA Offices
Washington, DC

List of Attendees:

Jim Barter	PPG Industries
Ed Beller	The Geon Company
Mark Gruenwald	Borden
Jim Knaak	Occidental Chemical
Ken Mundt	Applied Epidemiology, Inc.
Caffey Norman	Patton, Boggs LLP
David Penney	Vista Chemical
David Pun	Formosa
Jonathan Ramlow	Dow Chemical
Jay Strange	Georgia Gulf

Elena Howell	CMA
Has Shah	CMA

- 1.0 The Committee reviewed the list of questions that Jonathan Ramlow prepared for Carlo Tamboro for the proposed University of Louisville Vinyl Chloride Brain Cancer Case-Control Study. Jonathan Ramlow, Ed Beeler and Has Shah will meet with Dr. Tamboro on November 17 in Louisville to discuss the questions. The Committee agreed with the questions, and agreed to request a detailed protocol from Carlo Tamboro as a first deliverable, if a decision is made to proceed with the study. If Dr. Tamboro is amenable to have an epidemiologist as a co-investigator of the study, the Committee recommends Ken Mundt of AEI.

The Committee estimated the combined cost of Dr. Tamboro and an epidemiologist at \$150,000.

- 2.0 Ken Mundt reported that because of delays in the transfer of data from ENSR to AEI, the update must be extended for an additional two years. The Committee agreed to fund this extension.

The Committee approved an additional letter to ENSR. The Committee was concerned about the lack of a reply from Christian Seigneur of ENSR to the September 1 letter, incomplete information regarding files on computer tape, and the failure of ENSR to forward approximately 1,000 death certificates to AEI.

CMA still is waiting for release forms from Montana and New York City to transfer a complete master tape of pervious data from ENSR to AEI.

Ken Mundt estimated the additional costs of CMA resulting from ENSR's delay in transferring all relevant information. Personnel costs and costs of replacing missing materials currently are projected to be \$81,864. The Panel agreed to pay the additional cost, while simultaneously seeking compensation from ENSR.

- 3.0 Bill Breslin of Dow Chemical revised the Protocol for the developmental/reproductive effects study. The revised protocol was submitted to ATSDR on October 23, 1995. At this time, we are waiting for ATSDR's response.

ATSDR will work with EPA on the need for neurotoxicity data on vinyl chloride.

The Committee reviewed the Memorandum of Understanding between ATSDR and the Halogenated Solvents Industry Alliance, and decided to explore a similar MOU for vinyl chloride.

Dr. Ramlow will have Dr. Breslin review James Swenberg's molecular research proposal of June 1995. He will tell Dr. Shah of feasibility of expanding the developmental/reproductive effects protocol to include the molecular research. Dr. Ramlow will revise the protocol. Dr. Shah will send the protocol to Argus, Pharmaco LSR, RTI, and Dow, and request bids from those companies.

The Committee developed the following cost estimates for the research program:

Developmental/Reproductive Effects Testing	\$650,000
Neurotoxicity Testing	350,000
Molecular Research	60,000
Legal	10,000
Contingency	30,000

- 4.0 Jim Knaak will send Harvey Clewell's manuscript on Vinyl Chloride Risk Assessment to CMA. Dr. Shah will coordinate with Richard Reitz to see if information from the manuscript can be referenced in Dr. Rietz's manuscript.

The Committee agreed to work with EPA on vinyl chloride risk assessments in 1996. Has Shah will find out if vinyl chloride is a candidate of the IRIS Pilot Program.

Dr. Shah will follow up with Lillian Kelly of CalEPA on the status of the vinyl chloride risk assessment at a Superfund site.

The Committee developed a budget of \$10,000 for a consultant's services for vinyl chloride risk assessment.

- 6.0 Dr. Shah distributed the Committee's financial statement.

October 31, 1995

Page 3

7.0 The Committee developed the following budget:

Item	Total	1996	1997
ATSDR/EPA Testing Req.	\$1,200,000	\$400,000	\$800,000
Epidemiology Study Update	100,000		100,000
Brain Cancer Case Control	150,000	150,000	
Risk Assessment Activities	10,000	10,000	
Administration	<u>80,000</u>	<u>80,000</u>	<u> </u>
Total	\$1,440,000	\$640,000	\$900,000

Dr. Shah will distribute commitment forms for the Committee activities.

8.0 The date for the next conference call is set for November 30, 1995, at 10:00 a.m.



Hasmukh C. Shah, Ph.D
Manager, Vinyl Chloride Panel

Subject to Approval