



CHEMICAL MANUFACTURERS ASSOCIATION

CHEMICAL MANUFACTURERS ASSOCIATION

Vinyl Chloride Panel

Research Coordinators

Fax

November 30, 1993

TO: James Barter PPG 412/434-2137
Greg Bond Dow 517/636-9899
Frank Borrelli Georgia Gulf 302/323-8105
Robert Grahek GEON 216/447-6459
Mark Gruenwald Borden 614/431-6611
Robert Hinderer BFGoodrich 216/447-5710
James Knaak OxyChem 716/286-3141
Dave Penney Vista 512/331-2387
David Pun Formosa 201/716-7283

FROM: Has Shah *H. Shah*

RE: Vinyl Chloride Panel Research Coordinators Conference Call

The next Vinyl Chloride Panel Research Coordinators conference call will be held on December 9, 1993 at 11:00 a.m., EST. The agenda for the call is enclosed. The following people were faxed an order form to receive agenda item 2, Interpretive Review of the Potential Adverse Effects of Chlorinated Organic Chemicals on Human Health and the Environment:

L. Smith	Occidental Chemical	M. Marshall	GEON Company
J. Barter	PPG Industries	R. McCready	Dow Chemical
T. Barfknecht	Occidental Chemical	J. McDade	Dow Chemical
J. Bindo	Occidental Chemical	C. Mears	Oxy Chemical
G. Bond	Dow Chemical	D. Penney	Vista Chemical
G. Draper	Vista Chemical	K. Peters	Dow Chemical
J. Fike	PPG Industries	J. Ramlow	Dow Chemical
J. LeBeau	Dow Chemical	D. Townsend	Dow Chemical
K. Lee	PPG Industries	P. Watanabe	Dow Chemical
L. Littell	PPG Industries		

If someone from your company has ordered the document, you can get it from them. If you would like to receive a copy of the document from me, please call Kim Reed at (202) 887-1191. Task Force companies not included on the above list will receive a copy by regular mail in the next few days.

If you are unable to participate on the conference call, please contact Kim Reed at (202) 887-1191. Thank you.

PAGES: 2 (including cover)

SENDER: Kim Reed

CMA 023683

PHONE: (202) 887-1191

November 18, 1993

Dear Vinyl Chloride Research Coordinators:

The November 5, 1993 Record of Meeting and a commitment form for \$3,000.00 are enclosed for your review. Please execute the commitment form and return the original signature to me at CMA by December 31, 1993. If you have any questions about the enclosed items, please call me at (202) 887-1192.

Sincerely,

Has Shah

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

Enclosure

CMA 023684

CHEMICAL MANUFACTURERS ASSOCIATION

Vinyl Chloride Panel

Research Coordinators

Record of Meeting

DATE: November 5, 1993
TIME: 10:30 a.m. - 1:00 p.m.
PLACE: CMA Offices
Washington, D.C.

List of Attendees:

Greg Bond	Dow Chemical
Frank Borrelli	Georgia Gulf
Bob Grahek	GEON
Mark Gruenwald	Borden
James Knaak	Occidental Chemical
Dave Penney	Vista
Bob Ondocsin	CMA
Has Shah	CMA

- 1.0 Dr. Greg Bond was elected Chairman for today's meeting.
- 2.0 The VCRC identified as its objective to discuss the merits and difficulties of updating the Vinyl Chloride Panel sponsored study entitled, "An Update of An Epidemiologic Study of Vinyl Chloride Workers, 1942-1982".
- 3.0 Dr. Has Shah reviewed the CMA Vinyl Chloride Research Coordinator activities since the receipt of the 1986 Final Report, "An Update of An Epidemiologic Study of Vinyl Chloride Workers, 1942-1982". These activities included conducting in 1989 a feasibility survey for the reassessment of liver cancer among vinyl chloride workers that were reported in the 1986 final report. After considerable efforts by an independent contractor, it was determined that a reassessment is not feasible because of difficulties encountered in obtaining slides, tissue blocks, histopathology reports and other pertinent information from hospitals and/or reviewing pathologists. Subsequent to the 1986 final report, Wong et. al. in 1991 published an article in the *American Journal of Industrial Medicine* based upon the 1986 final report. The VCRC identified several concerns regarding the interpretation of the final report data in the Wong et. al. publication and wrote a letter to the Editor of the *American Journal of Industrial Medicine*. Dr. Wong responded to the Letter to the Editor. Both the Letter to the Editor and Dr. Wong's response were published in the journal this year.

4.0 The Research Coordinators discussed the following issues to help them in deciding if an update of the previously completed epidemiology study should be undertaken:

- What additional information can be gained by updating the study?

The additional mortality information by following the 1942-1972 cohort from 1983 to 1992 may help resolve the issue of non-angiosarcoma liver tumors and brain tumors as causes of deaths in the vinyl chloride exposed cohort. There was a general feeling that an update would be useful to resolve these issues.

- Will the raw data from the 1986 study be available to CMA?

Dr. Shah expressed a feeling that the information that was provided by companies to the contractor will be available to companies; however, the death certificate information will not be available to CMA or even the company where the employee worked due to medical confidentiality issues. All data currently are in possession of ENSR. Dr. Bond will prepare a list of questions to be asked of ENSR to ascertain the availability of data either to CMA or the companies. Dr. Bond will forward the questions to Dr. Shah by January 15, 1994. Dr. Shah will discuss the questions with ENSR prior to the next VCRC meeting.

- If the existing epidemiology study is updated, should the study cohort be expanded to include workers who worked in vinyl chloride or related plants from 1973-1992?

VCRC members decided that the current cohort cannot be expanded because that would confound the original study design. Also, a separate study on workers employed in vinyl chloride and related plants from 1973 onward is not feasible at this time because the cohort size and employment duration may not be large enough to generate adequate mortality information for a statistically-sound study. The VCRC agreed to revisit the issue of a new cohort study in one year.

- Are there any recent vinyl chloride epidemiology studies either completed or in progress?

No VCRC member was aware of any recent studies; however, Dr. Shah will conduct a literature review to identify any recent studies. Dr. Shah will conduct this review prior to the next VCRC meeting.

- If a further 10-year update of the CMA sponsored vinyl chloride epidemiology study is to be undertaken, are all necessary data in place to begin such an update?

Dr. Bond will check with the National Death Index office on when all 1992 death certificates may be available from states. Usually, there is a 2 to 2.5 year lag period between the time of death and the time when the death certificates would be available from the states for research purposes. Dr. Bond will forward the lag period information to Dr. Shah by January 15, 1993.

- 5.0 The VCRC agreed to meet in March/April 1994 to review progress of all action items resulting from today's meeting and decide on a course of action.
- 6.0 The VCRC developed a budget of \$24,000 for 1994 for administrative and consultant services. Consultant services would include ENSR's work to respond to CMA inquiries regarding the availability of data from the previously completed study. Dr. Shah will send a commitment form for \$3,000 per company to VCRC members.
- 7.0 The meeting adjourned at approximately 1:00 p.m.

Has Shah

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

Subject to Approval
November 15, 1993