



CHEMICAL MANUFACTURERS ASSOCIATION

December 2, 1994

Dear Vinyl Chloride Health Committee Members:

The following items are enclosed for your information and files:

- 1) letter to Charles Auer of EPA and Christopher DeRosa of ATSDR expressing the vinyl chloride industry's interest in developing a voluntary research program to address both agencies' needs for health effects data. Please note that the letter proposes a voluntary undertaking of a two-generation reproductive effects study and discussion with the agencies on specific end-points of interest for the developmental and neurotoxicity studies. I will follow-up with Mr. Auer and Dr. DeRosa on a future course of action and inform you of the next step within the next several weeks;
- 2) a manuscript submitted by Dr. Richard Reitz to Toxicology and Applied Pharmacology on, "Predicting Cancer Risk from Vinyl Chloride Exposure with a Physiologically-Based Pharmacokinetic Model." Please note that this is the draft manuscript and will be revised based on comments made by the peer-reviewers. I will send a copy of the manuscript to James Coglianò and will follow-up with him on a process for modifying the Heast table for vinyl chloride;
- 3) October 27, 1994 research proposal from Carlo Tamburo of the University of Louisville for a brain cancer study in vinyl chloride exposed workers. The proposal is very brief and therefore is difficult to evaluate. I have invited Dr. Tamburo to attend our next meeting in January in Washington, D.C. No meeting date is fixed at this time, but as soon as I find out Dr. Tamburo's availability, I will check with you to determine your availability and schedule a meeting. Item numbers 4, 5, and 6 below were received from Dr. Tamburo prior to his October 27 research proposal;
- 4) Practical Applications of Biomarkers in the Study of Environmental Liver Disease;
- 5) Biological Threshold for Vinyl Chloride Exposure-Induced Hepatic Angiosarcoma in Humans; and,
- 6) Specific Antisera to Unique Antigenic Determinants in Human Hemoglobin-Acrylonitrile Adducts.

Jonathan Ramlow and I will visit Kenneth Mundt on December 5 to discuss his proposal to update the vinyl chloride epidemiology study. I will contact you shortly to



inform you of my discussion with ATSDR and EPA; schedule a meeting; and, report on our site visit to Applied Epidemiology.

If you have any questions or need additional information, please call me at (202) 887-1191.

Sincerely,

A handwritten signature in cursive script that reads "Has Shah".

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

Enclosures

CMA 114709