Northwestern University Medical School
DEPARTMENT OF MEDICINE
W. G. KRUMMRICH STUDY

February 9, 1987 FEB 24 1987

James H. Spraul, M.D.
Monsanto World Headquarters
800 N. Lindbergh Blvd.
St. Louis, MO 63167

Dear Dr. Spraul:

Enclosed is an interim report summarizing our recent progress in the Northwestern University project concerning worker health among former and current employees of the Monsanto W.G. Krummrich plant.

Sincerely,

Warren

Warren H. Wallace, M.D.
Principal Investigator

WHW:adw
Enclosure: interim report

DSW 476038.0894

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Northwestern University

Department of Medicine

W.G. Krummrich Study

Interim Report

Submitted by

Warren H. Wallace, M.D.

Principal Investigator

January, 1987

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records is just over one-half complete. Due to the unanticipated high costs associated with the acquisition of hospital records, only hospitalizations occurring after the study subject's hire date at Monsanto which pertain to one of the study hypotheses are being requested.

In preparation for data analysis, the Northwestern Statistical Center Staff has installed the software packages SYSTAT and SAS (the latter made available through Monsanto) on its microcomputer. In addition, one of the microcomputers was upgraded from 10 MB to 30 MB to accommodate local storage and analysis of the extremely large data sets and to attempt to offset some of the mainframe costs. With the purchase of one additional printer (from unexpended furniture monies), graphics support in data analysis is now also provided. The printer is configured to one of the microcomputers, so that three stations for data analysis and report production are available.

Over 700 medical reports of the study subjects have been dictated by the physician examiners. Over 600 have been mailed or are being processed for mailing.

The edited and updated computerized tape of work records of Monsanto employees from the Krummrich plant has just been received at the end of January, 1987. The tape is being examined by the Northwestern University staff. Northwestern is still awaiting the receipt of the standard manufacturing process reports for select exposure departments and historical maps of the Krummrich plant. These materials must be carefully reviewed as they are critical sources of information which will be used in verifying the nature of the exposure groups. Because of recent knowledge of the existence of these important historical documents and because of Northwestern's

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request from Monsanto to clarify and confirm certain items pertaining to the computerized data base of worker records, data analysis is still approximately 4 months behind the original schedule. However, the investigators are still anticipating the completion of a final report by approximately September 1, 1987.

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