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DEPARTMENT OF MEDICINE & ENVIRONMENTAL HEALTH

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August 13, 1980

Ms. Jackie Cattani
Room 7241
455 Golden Gate Avenue
San Francisco, California 74102

Dear Ms. Cattoni:

I had promised you in our phone conversation the other day that I would send you the title for the NCI study on PCB's. In fact, the NCI reports a bioassay on Arochlor 1254 for possible carcinogenicity, CAS No. 27323-18-8, NCI-CG-TR-38, U. S. Department of HEW, Public Health Service, National Institutes of Health. This is DHEW publication No. (NIH) 78-838.

On page 8 is the following quotation:

"It is concluded that under the conditions of this bioassay, Arochlor 1254 is not carcinogenic in Fischer 344 rats; however, a high incidence of hepatocellular proliferative lesions in both male and female rats was related to administration of the chemical. In addition, the carcinomas of the gastrointestinal tract may be associated with administration of Arochlor 1254 in both male and females."

On page 24, in discussing the gastrointestinal cancers, the following statement is made:

"In the stomach, jejunum, or cecum, adenocarcinomas were observed in two treated males and in two treated females, as well as a carcinoma in one treated male. None of the lesions was found in control animals in this study, suggesting that the lesions--although not statistically significant--may be related to administration of Arochlor 1254."

I hope that this information is helpful to you but if you have further questions, please call me at 314, 694-2191.

Sincerely,

George Roush, Jr., M. D.
Director, Dept. of Medicine &
Environmental Health

GR/ln