Monsanto

FROM (NAME & LOCATION) Dept. of Medicine & Environmental Health - B.W. Eley, A2SC

DATE: September 8, 1976

SUBJECT: PCB & Biphenyl Monitoring

REFERENCE: NIOSH Survey: 7-21 - 22-76

CC: J.T. Garrett, A2SG
Art Leisy, WGK, 1740
Mike Pierle, E1SF

cc - Buckley
Basile
Munoz
Gallion

TO Paul Heisler, WGK, 1740

Attached is the monitoring information and exposure results of the PCB and biphenyl testing conducted as a part of the NIOSH visit on July 21-22, 1976. During that time Mr. Mark Jones and Mr. Jan Becker representing NIOSH surveyed Departments 246 and 790 and collected a total of 10 personnel samples on operators and 7 general area samples. Duplicate samples using Fluorosil collection tubes were taken by WGK personnel and subsequently analyzed by Jim Mieure, MIC Applied Sciences R & D.

Results will be filed in Julio's file.

Table I lists the personnel monitoring results for both PCB and biphenyl. Since Aroclor 1016 was being manufactured, a value of 1.0 mg/M^3 (42% Chlorine) was used as the permissible exposure limit for PCB material. The results indicate that operator exposures were below the permissible limit and corresponding "action level" in all cases for both PCB and biphenyl.

The general area sampling results are given in Table II along with location description of each sample. Again, the environmental concentrations were well below the permissible exposure limits.

We have not yet been informed by NIOSH of their survey results. It is my understanding that upon completion of the analysis Mr. Jones will contact either you or Art Leisy and indicate the preliminary exposure data. Until that time if further clarification of these results are needed, please contact me at ext. 2187.

Bruce W. Eley

Bruce W. Eley
Industrial Hygienist

MONS 030308

BWE:alw
attachments

Gave cc to Gallion on 10/12/76 plus 4 "Tablet Kit" to give to Union Committee.
[illegible]

IN-10M 12/76