

R&D CENTER - 401-3X9
Research Biology

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East Pittsburgh

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We have reviewed Research Report 74-1M5-Bilog-R2 on "Current Trends in Toxic Chemical Control: Implication for Westinghouse". This is a timely report, and we have high hopes that the Research people, who have received copies, will appreciate the potential chemical toxicity problems within Westinghouse. These problems exist in the working environment, in the air exhausted from manufacturing operations, and from our liquid and solid waste materials.

For over 40 years, Headquarters Industrial Hygiene and Safety have been following these problems and recommending safe handling procedures when called upon to do so. Now, it is time for these problems to be seriously considered by our R&D personnel, who recommend new chemicals and processes for manufacturing.

Following are a few comments on the contents of the Research Report:

1. Page 6 - Recommendation 1(b) -- The Safe Practice Data Sheets which have been issued in the past few years do have a section on waste disposal, and we will attempt to update some of the older data sheets to include waste disposal.

2. Page 9 - Table 2 -- We were surprised to find that you did not include all the carcinogens listed in the June 27, 1974 issue of the OSHA Standards. They include the following:

Asbestos
4-nitrobiphenyl
Alpha-naphthylamine
4,4'-Methylene bis(2-chloroaniline)
Methyl chloromethyl ether
3,3'-Dichlorobenzidine (and its salts)
bis-chloromethyl ether
beta-Naphthylamine
Benzidine
4-Aminodiphenyl
Ethyleneimine
beta-Propiolactone
2-Acetylaminofluorene
4-Dimethylaminobenzene
N-Nitrosodimethylamine
Vinyl chloride

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3. Page 18 - Section 5.4 -- Headquarters Industrial Hygiene is responsible for writing the Corporate Safe Practice Data Sheets. Corporate Standards at the R&D Center is only responsible for the printing and distribution.

For many years, Headquarters Industrial Hygiene has attempted to keep abreast of the potentially hazardous materials used in the Corporation. This we have done through our contacts with the Corporate Standards Department who notify us of the materials being used by the Divisions. At the present time, there are approximately 20,850 materials covered by the Material Code System. Of these, approximately 9,000 are potentially hazardous. This information is given to you so that you can appreciate the scope of the problem of handling potentially hazardous materials and/or chemicals in the Corporation.

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