AUTHOR INDEX

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Indicators of Genotoxic Exposure

Banbury Report 13

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It has become increasingly important to develop reliable methods for identifying and quantitating the relationships which exist between exposure to specific chemicals and consequent genetic and health defects. Monitoring such exposure in humans, however, has turned out to be extremely complex. Extrapolation from short-term microbial and cell culture assays remains highly problematic due to their inability to fully represent whole organism responses. Meaningful progress in this critical area is very much dependent upon establishing links between the areas of epidemiology and toxicology and development of techniques for quantitating chemically-induced genotoxic effects both in humans and animal models. These considerations led, in April 1982, to a meeting at the Banbury Center of Cold Spring Harbor Laboratory on newly developed procedures for the quantification of chemical exposure and resulting deleterious effects in humans and in animal model systems.

The present volume contains both the formal presentations comprising these sessions and the ensuing intervening discussions. The overall contents provide a standard reference for the newest techniques in genetic toxicology as well as helping to bring a new perspective to risk detection and quantification in humans. Presenting the most recent innovations in approaches to the quantitation of risk assessment in chemical exposure, INDICATORS OF GENOTOXIC EXPOSURE should prove of particular value both to industry and to regulatory agencies in the goal of safeguarding the health of workers, their families, and the public at large.

CONTENTS

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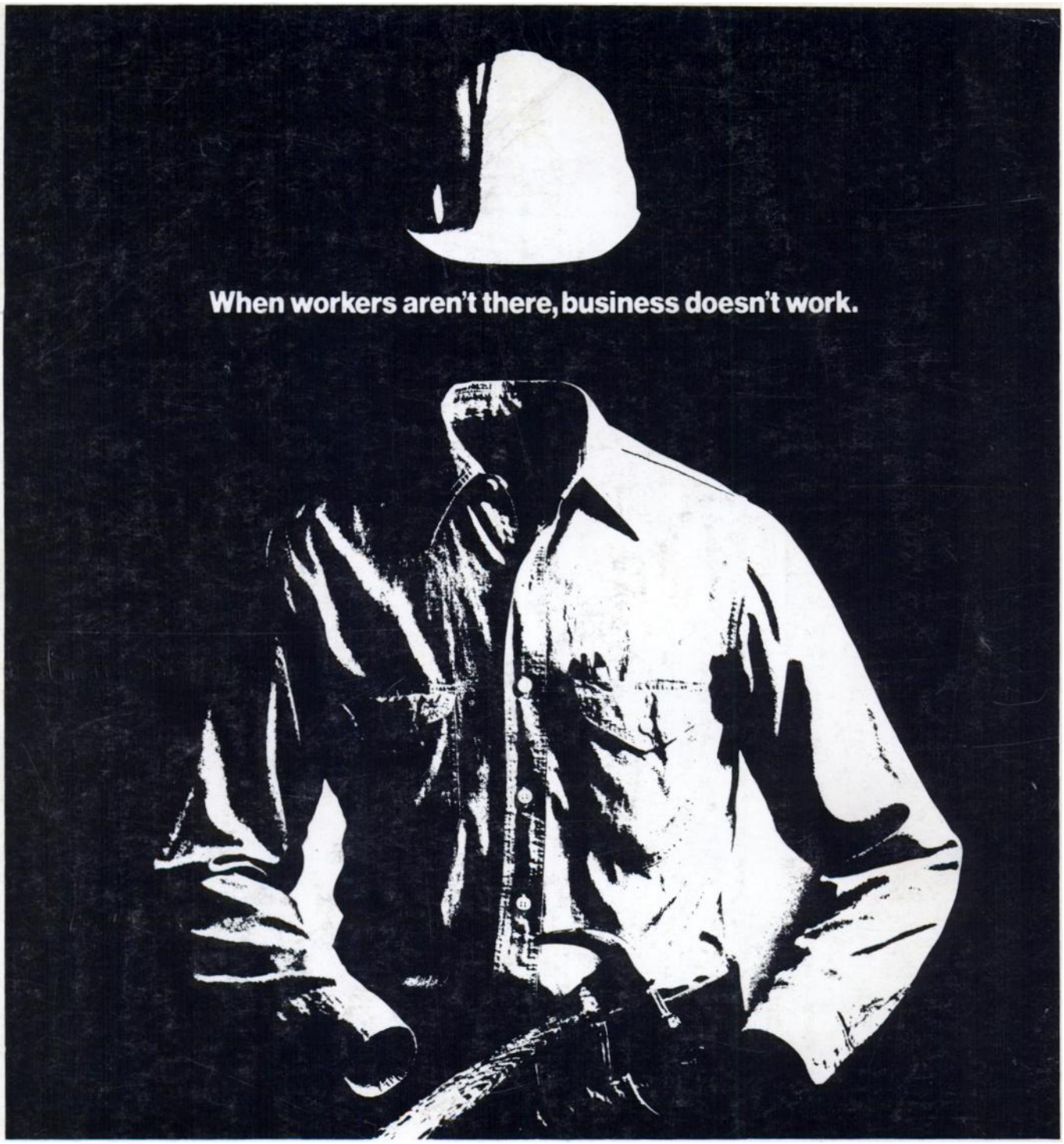

Cancer strikes 120,000 people in our work force every year. Although no dollar value can ever be placed on a human life, the fact remains that our economy loses more than $10 billion in earnings every year that cancer victims would have generated. Earnings they might still be generating if they had known the simple facts on how to protect themselves from cancer.

Now you can do something to protect your employees, your company, and yourself... call your local unit of the American Cancer Society and ask for their free pamphlet, "Helping Your Employees to Protect Themselves Against Cancer." Start your company on a policy of good health today!

American Cancer Society

This space contributed as a public service.