

A REPORT TO THE PUBLIC ON THE
FULL MEANING OF THE ATOMIC BOMB

Edited by DEXTER MASTERS *and* KATHARINE WAY

ONE WORLD

Or None

Foreword by
NIELS BOHR

Introduction by
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GALE YOUNG

and the Federation of American Scientists

A SCIENCE ILLUSTRATED BOOK

\$1.00

ONE WORLD *or* NONE

A Report to the Public on the Full Meaning of the Atomic Bomb

Edited by DEXTER MASTERS, Editor of *Science Illustrated*, and
KATHARINE WAY of the Metallurgical Laboratory, University of Chicago

"Is there any scientific or military defense against the bomb?"
"How close is the danger of an atomic arms race; how can we control the bomb?"
"What would the Hiroshima bomb have done to New York City?"
"What are the immediate and long-range problems suggested by the release of nuclear energy?"

Waiting until we could give the public a definitive, authoritative analysis of these and other problems created by the advent of the atomic bomb, we have persuaded some of the outstanding scientists associated with the project, as well as top authorities from the political and military fields, to collaborate in writing this book. The remarkable document they have produced presents a rounded discussion on the full meaning and the terrifying dimensions of the bomb's threat to world survival. It warns the public that world control of the atomic bomb is an essential of human survival and hence the responsibility of every citizen.

Here are the facts, stated in simple, non-technical words by the men who know them best. ONE WORLD OR NONE gives a step-by-step analysis of the basic problems involved in the use of atomic energy. Each authority takes up those points with which he is most closely concerned. And the result is, for the first time in one place, an informed picture of all ramifications of the subject.

The atomic age challenges every one of us to wake up and adjust our thinking, our laws, our ways of life so that we may make the best possible use of this new force that has been put into our hands. ONE WORLD OR NONE will help each man and each woman of this country to meet the challenge in the most logical, the most competent manner possible.

DEXTER MASTERS is editor of the forthcoming general science magazine, *Science Illustrated*. During the war he was editor of the Army Air Forces secret publication *Radar* and a staff member of the Radiation Laboratory at Massachusetts Institute of Technology, the center of United States radar research.

KATHARINE WAY, nuclear physicist of the Metallurgical Laboratory at the University of Chicago, before the war was assistant professor of physics at the University of Tennessee. She joined the atomic bomb project in 1942 to work on theoretical problems connected with the Hanford plutonium plant.

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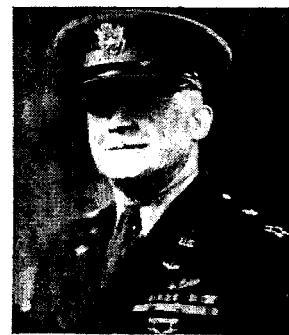
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MCGRAW-HILL BOOK CO., INC.

1946

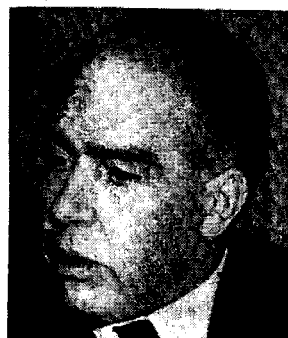
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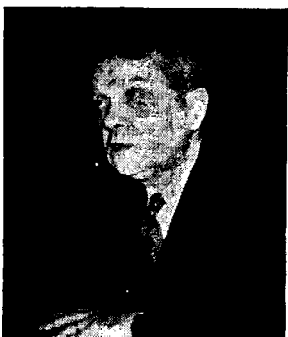
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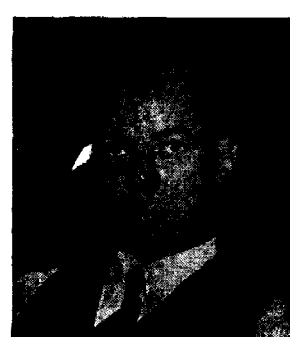
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ONE WORLD OR NONE

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with the government's regulations for
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terials.*

PUBLISHED BY WHITTLESEY HOUSE
A division of the McGraw-Hill Book Company, Inc.

Printed in the United States of America

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