

# BOOKS

**THE MAN IN THE THICK LEAD SUIT**  
by Daniel Lang  
Oxford University Press, N.Y., \$3.50

DANIEL LANG, a reporter for *The New Yorker* magazine, has been concentrating in recent years on subjects having some connection with atomic energy. The results of this concentration, collected here, prove to be good reporting, lively reading, and practically perfect popular science writing.

Mr. Lang's footnotes on the atomic age include descriptions of the first atomic bomb tests at Yucca Flat, Nevada—and the effect of the tests on life in nearby Las Vegas; our civil defense plans in case of atom bomb attacks; the birth and growth of the atomic energy preserve at Oak Ridge, Tennessee—and of its H-bomb counterpart at Ellenton, South Carolina.

Most memorable of all are the people Mr. Lang runs across:

Wernher von Braun—once head of Germany's experimental guided missile station at Peenemünde,

where the V-2 was developed, and now director of research and development projects at the Army Ordnance Guided Missile Center in Huntsville, Alabama—who believes that "any real scientist ends up a religious man."

Paddy Martinez, the part-Mexican, part-Navajo sheepherder who discovered one of the largest uranium deposits in the United States while on his way to the store for a pack of cigarettes.

Mrs. W. R. Grace, of the shipping family, whose seven-thousand acre hunting preserve near Ellenton, South Carolina, was acquired by the government as part of its H-bomb development. "Oh, well," she says philosophically, "there's no point crying. I've had a good time. The hydrogen bomb hasn't been the only surprise. This past winter we had one of our cold snaps and the camellias went."

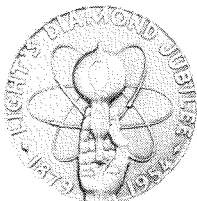
Samuel Goudsmit, chairman of the Physics Department at the Brookhaven National Laboratory in Upton, Long Island. ("We physicists are among the maladjusted veterans of the Second World War.")

William G. Pollard, executive director of the Oak Ridge Institute

of Nuclear Studies, who, after 20 years as a physicist, was ordained a deacon of the Episcopal Church. ("And all I ever hoped was that maybe Bill would go to church Sundays," says his wife.)

**FLUID MECHANICS**  
**With Engineering Applications**  
by R. L. Daugherty and  
A. C. Ingersoll  
McGraw-Hill, New York \$7

THIS IS THE FIFTH edition of this work, formerly called *Hydraulics*, which has been standard in the field for nearly 40 years. It deals with the fundamentals of fluid mechanics together with the practical applications to hydraulic engineering and hydraulic machinery. Applications to fluids other than water are emphasized, and compressible as well as incompressible fluids are considered. Recent advances in fluid mechanics are thoroughly discussed, and an abundance of information concerning experimental data is included. Dr. Daugherty, a Caltech faculty member since 1919, is Professor of Mechanical and Hydraulic Engineering here; Dr. Ingersoll is Assistant Professor of Civil Engineering.

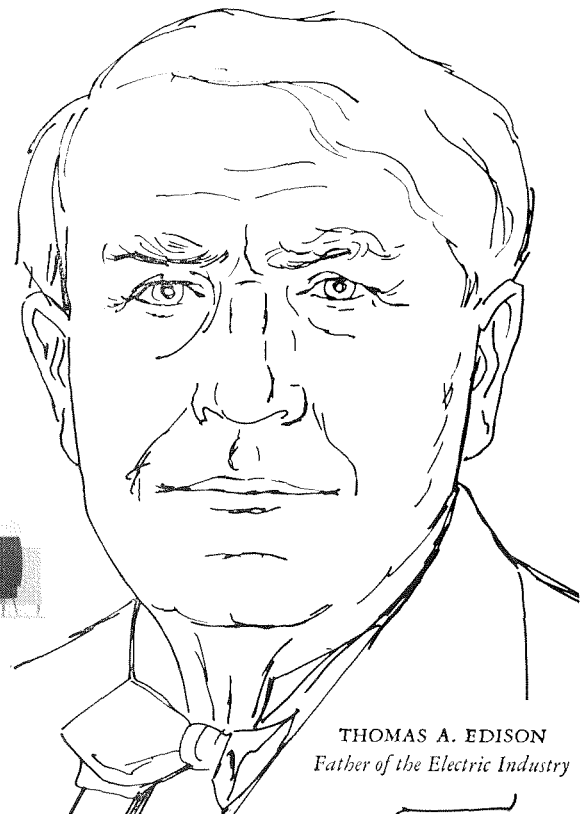


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