### **PHYSICISTS**

Opportunities to conduct experimental and basic research in the fields of

# MAGNETOHYDRODYNAMICS PLASMA PHYSICS

are being offered to Ph.D.'s in Physics by Plasmadyne Corporation, a small research and manufacturing company where professional competence and individual initiative are recognized and strongly encouraged.

Our company is located in beautiful Orange County in Southern California within easy driving distance to Los Angeles but outside of the busy metropolitan area.

Please submit resume in confidence to:

A. M. Hartwick
PLASMADYNE CORPORATION
a Giannini Scientific Company
3839 South Main Street
Santa Ana, California

An Equal Opportunity Employer

## **NUCLEAR PHYSICIST**

For our expanding radiation detector program involving sophisticated radiation detection problems.

To plan, carry out, and evaluate tests on the performance of scintillation detectors.

To conduct basic physics research on the physical properties of scintillation materials.

Requires:

B.S. with related experience or M.S. with nuclear or solid state courses.

and

A working knowledge of pulse electronics desired.

Laboratories excellently equipped.

Metropolitan Cleveland location.

Adjacent to the educational and cultural center.

Send resume and salary requirements in confidence to:

Personnel Department
THE HARSHAW CHEMICAL COMPANY

1945 East 97th St., Cleveland 6, Ohio An Equal Opportunity Employer

notated entries for articles and monographs from Soviet-bloc and Western sources. References fall into four main categories: surveys, bibliographies, reports of visits to Soviet scientific and industrial institutions, and articles that describe Soviet programs in particular fields. Most of the items listed are available in the Library of Congress, and call numbers and special identifying numbers have been included when known. Only those titles in Soviet-bloc languages have been translated, and partial or complete translation of the text is indicated by a note accompanying the reference. Copies of the book may be obtained for \$1 each from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

The National Science Foundation has also issued a revised edition of the report entitled *Providing US Scientists With Soviet Science Information*. Prepared by Boris I. Gorokhoff of the Massachusetts Institute of Technology, the current guide provides data on Soviet primary and secondary publications and their sources, both in the United States and the Soviet Union. Information is given on English translations of abstracts, bibliographies, and reviews, and on material available in French, German, and other languages. The 46-page publication can be obtained, free of charge, by writing to the Publications Office, National Science Foundation, Washington 25, D. C.

### Handbook

The 44th edition of the *Handbook of Chemistry and Physics* has been issued by the Chemical Rubber Publishing Co. New features include a table of physical and chemical properties of the rare-earth metals and tables incorporating the definition of atomic mass based on the carbon-12 nuclide chart (general physical constants, atomic weights of elements). The 3540-page handbook also contains tables on superconducting elements, binary and ternary azeotropes, properties of electrodes used for determination of pH, etc. Definitions and formulas and data on bond lengths between carbon and other elements have been revised. The publication is priced at \$12 and can be ordered from the Chemical Rubber Publishing Co., Distributors, Dept. H, 2310 Superior Ave., Cleveland 14, Ohio.

#### Publishers

The Macmillan Company of New York City has been granted distribution rights in the Western Hemisphere for all scientific, technical, and reference books published by Pergamon Press Ltd., Oxford, England, and its American affiliate, Pergamon Press, Inc., New York. The books will be marketed under the Pergamon Press name through Macmillan's library, college, and retail bookstore selling organizations. Distribution of Pergamon's scientific research journals is not affected by the agreement; they will continue to be made available through the firm's New York office.