#### Isotope Separation Symposium

VARIOUS methods for the separation of isotopes are to be discussed at an international symposium to be held April 23-27 in Amsterdam. Organized by the Netherlands Physical Society, in collaboration with the International Union of Pure and Applied Physics, the symposium program is expected to cover ultracentifuge, distillation, chemical, electrochemical, electromagnetic, and diffusion techniques in the separation of isotopes. The program will also include an official reception offered by the city of Amsterdam, a banquet featuring an after-dinner address by Harold C. Urey of Chicago, and a bus tour through the tulip fields of Holland. For more detailed information, contact the Secretary of the International Symposium on Isotope Separation, Prof. Dr. J. Kistemaker, Laboratorium voor Massaspectrografie, Hoogte Kadijk 202, Amsterdam C, The Netherlands.

#### Molecular Structure and Spectroscopy

THE Symposium on Molecular Structure and Spectroscopy will be held at the Department of Physics and Astronomy, The Ohio State University, this year from June 10 to 14. There will be discussions of the interpretation of molecular spectroscopic data as well as methods for obtaining such data. In addition, there will be sessions devoted to those phases of spectroscopy of current interest. A dormitory will be available for those who wish to reside on the campus during the meeting. For further information, or for a copy of the program when it becomes available, write to Prof. H. H. Nielsen, Department of Physics and Astronomy, The Ohio State University, Columbus 10, Ohio.

### Free Radicals Symposium

SPONSORED jointly by the Applied Physics Laboratory of The Johns Hopkins University, the Catholic University of America, and the National Bureau of Standards, a three-day Symposium on the Formation and Stabilization of Free Radicals will be held September 18-20 at the Bureau of Standards in Washington, D. C. Recent advances in low-temperature physics, high-polymer research, and other fields have stimulated scientific interest in the isolation and study of free radicals. Several industrial, government, and university laboratories are now conducting free radical research programs which should yield results of broad significance in basic chemistry and physics. The September conference is expected to provide a valuable medium for exchange of information in the field. Arrangements are being made by an executive committee composed of F. O. Rice of Catholic University, S. N. Foner of the Applied Physics Laboratory, Miss Akrevy Pappas (secretary) of NBS, and A. M. Bass (chairman) of NBS. Further information may be obtained from Dr. A. M. Bass, Free Radicals Research Section, National Bureau of Standards, Washington 25, D. C.

#### The Research Division of

## NATIONAL RESEARCH CORPORATION

is expanding its activities in

# **Applied Physics**

Opportunities exist at both Junior and Senior Staff level for imaginative work in high vacua, gas discharges, thin films, solid state, and advanced analytical instrumentation. NRC's research policy is built upon its people and uses their creativity and blue-sky thinking to carry long-shot, high-payoff research through to successful new processes and products. The record in vacuum engineering, vacuum melting, titanium, zirconium, and petrochemicals is plain. Here physicists, physical chemists, and physical metallurgists with exceptional research ability will find unlimited career opportunities. The professional environment of Research Row is stimulating, while living in historic Boston or its pleasant residential suburbs.

Write today—in strict confidence to: C. F. Taylor, Personnel Manager



## NATIONAL RESEARCH CORPORATION

70 Memorial Drive Cambridge 42, Massachusetts

# X-RAY DIFFRACTION SPECIALISTS

Sylvania's Research Laboratory on Long Island offers exceptional opportunities to Ph.D. or equivalent to take charge of X-Ray group doing basic and applied research with X-Ray diffraction and fluorescent X-Ray spectroscopy. Principal emphasis is on non-ferrous metallurgical applications with some effort directed to the study of ceramics and phosphors. Skills should include experimental techniques for determining crystal structures, crystallite sizes, preferred orientation textures, degrees of crystal perfection. Some knowledge of X-Ray spectroscopy desirable. Salary commensurate with qualifications. Excellent employee benefits available.

For confidential interview, Write Charles F. Tufts

# SYLVANIA V

Atomic Energy Division

P.O. Box 59

Bayside, N.Y.