



Interpretation by William Thonson

Reactor Materials Evaluation

PROBLEM: The application of electron microscope and metallographic techniques to the basic analysis of the microstructure of high-temperature, gas-cooled, graphite reactor components. Of particular interest are fuel migration, matrix integrity, and cladding efficiency. This is typical of many such problems facing the materials evaluation scientists in the Los Alamos Scientific Laboratory.

Qualified applicants interested in research and development at Los Alamos are invited to send resumes to:
Director of Personnel,
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loans for higher education. The regulations do not specify the type of security to be required nor the rate of interest to be charged, these being left to the individual association.

Science education meeting

A conference on science programs for general education and the preparation of elementary teachers will be held on February 12 at Long Beach State College in California. Arranged by the Commission on the Education of Teachers of Science of the National Science Teachers Association, the meeting is designed for college science teachers concerned with science courses for nonscience majors.

Ten discussion groups are planned, covering major problems related to general education science courses, as well as addresses by Lee A. DuBridge, president of California Institute of Technology, and Richard Feynman, professor of physics at Caltech.

Persons interested in attending the conference should write to Dr. Albert F. Eiss, Assistant Executive Secretary, NSTA, 1201 Sixteenth Street, NW, Washington D. C. 20036.

Sigma Pi Sigma

During the annual meeting of the executive committee of Sigma Pi Sigma at Oak Ridge, a program of expansion was authorized which will include chartering of several new chapters, both in the latter part of 1964 and the spring of 1965. Approval was also given for updating the membership records of some 25 000 persons who have been received into the Society since its founding in 1921, and all data pertaining to them will be put on punched cards. The policy of joint sponsorship of the physicists' luncheons held in connection with the annual meetings of Section B of the American Association for the Advancement of Science was also endorsed by the executive committee.

The next meeting of the Council of the Society was arranged for June 16th at ORINS, one day before the summer meeting of the American Association of Physics Teachers at the University of Tennessee.