

operating temperatures and hence their power output as a result of the calculations.

All these questions about reactor safety may be hurting the power reactor program in the US. Certainly, reactors have not come on stream as fast as was predicted in the early and mid-1960's. But after a period of almost a year in which only one or two reactors were licensed for operation by the AEC, the commission expected about 15 more to be operating by the end of 1972. —SMH

APS letter protests Soviet emigrant policy

At the request of the Council of the American Physical Society, APS President Philip M. Morse has sent a letter to Mstislav Keldysh, President of the Soviet Academy of Sciences, protesting the treatment of Soviet scientists trying to emigrate. The letter reads:

"Dear Professor Keldysh:

The many friends of Soviet science, among the membership of the American Physical Society, have learned with dismay the serious penalties imposed on scientists who desire to emigrate from the Soviet Union.

The Council of the American Physical Society has asked me to transmit to you our concern at this barrier to the free flow of science and scientists. We join with our colleagues of the US National Academy of Sciences in urging you to transmit this concern to the members of your Academy and to your government.

Please be sure that our request is made in the spirit of friendship and collaboration with Soviet physicists that we have enjoyed for so long."

The National Academy of Sciences Council has asked Harrison Brown, the NAS foreign secretary, to contact academies in other countries on the general problem of freedom of circulation for Soviet scientists to see if there is support for a joint appeal to the Soviet academy. An NAS spokesman said that the problem would be discussed soon at a meeting of representatives of the academies of several nations.

New faces at NSF physics section

Three staff changes have occurred in the Physics Section of the National Science Foundation, according to Marcel Bardon, who heads the section.

Jonas Schultz, after a year as associate program director for particle physics, has returned to the University of California at Irvine.

Under a new arrangement, NSF makes a grant to a university for one or two years while a faculty member works at NSF, thus allowing the Foundation to employ people very active in their fields. Two physicists who have joined the section under this arrangement are Boris Kayser from Northwestern University, who is associate program director for theoretical physics and Morton Brussel of the University of Illinois, who is associate program director for nuclear physics. Bardon

told us, "We are actively looking for university physicists to come to NSF to help us manage the various physics programs for next year."

in brief

Applications are now available for the American Vacuum Society scholarships for graduate study for the academic year 1973-74. They carry a maximum stipend of \$4000. A special \$1000 scholarship is available for students in New Mexico, Arizona, Texas and Oklahoma. Write to AVS, 335 East 45th St, New York, N. Y. 10017. The application deadline is 30 March.

The Joint Institute for Laboratory Astrophysics announces the start of the annual competition for its Visiting Fellowship Program (16 January application deadline) and for Postdoctoral Research Associateships (15 February deadline) for the period 1973-74. Write to David G. Hummer, Secretary, Visiting Scientists Program, JILA, University of Colorado, Boulder, Colo. 80302.

A new journal, *Superconductivity Research*, is being published by Cambridge Scientific Abstracts, Inc, Suite 437, 6611 Kenilworth Ave., Riverdale, Md. 20840. The annual subscription price is \$125.00 for institutions and \$20.00 for individuals whose institutions subscribe. The journal has no page charges.

the physics community

Xerox and Kodak volunteers help schools in Rochester

A program in the Rochester elementary schools in which volunteer scientists from Xerox and Kodak serve as science consultants has been successful and is expanding into the secondary schools. The program, which has been going on for about five years, is aimed primarily at inner-city schools and helps give the students the scientific training they might otherwise miss.

The program was started by a group of Rochester scientists concerned about the lack of access in the public schools to the scientific and technical expertise of many of the people who work in the Rochester area. In the inner-city schools especially, a heavy emphasis is placed on developing reading and mathematical skills, with the result that science studies may suffer.

The group decided that those interested could work as consultants in the school, visiting about once every other week for a period of about four hours. On the average, each consultant is assigned to two classrooms and he works closely with the teachers, so that material presented in the consultants' visits will coordinate with regular classroom work.

Kodak and Xerox are jointly involved in the program. Presently Kodak provides about 10 consultants, and Xerox provides 45 regular consultants and 10 reserve consultants, who give specialized demonstrations and act as substitutes when a consultant cannot meet with his class as scheduled. John McNally serves as coordinator for the group from Xerox, and John Holtzclaw coordinates those from Kodak.

Until recently eight city schools have

participated in the program, according to McNally. Immaculate Conception Elementary School, the Rochester School for the Deaf and the State School at Industry also participate. This year the consultants were invited to expand their activities to one of the area secondary schools and the Science Consultants Program now includes Benjamin Franklin High School. —SMH

F. Dow Smith becomes OSA president-elect

F. Dow Smith is the president-elect of the Optical Society of America for 1973. He will succeed Robert E. Hopkins of Tropel, Inc, who assumed the presidency on 1 January.

Smith is vice-president and corporate scientist at Itek Corporation, where he specializes in the application