

in Swedish available to students enrolled in the Universities' "two-point" studies program. (Students determine at the beginning of their studies the number of points in any one subject for which they wish to qualify, points being determined on the basis of quantity and quality of course material.) With some rearrangement and rewriting of material, the text is based on a series of physics manuals prepared during the past several years in the Physics Department at Uppsala as a temporary measure to provide some substitute for the physics text it lacked. The manuals, used in Swedish universities and in those of neighboring countries, were written by Olof Beckman and Gösta Ekspång of Uppsala.

### *Joint Norwegian—IAEA Project*

**NORA**, the zero-power reactor of the Norwegian Atomic Energy Institute (IFA), was recently inaugurated at Kjeller, near Oslo, where it will be operated in connection with the joint research program in reactor physics agreed upon last spring by the International Atomic Energy Agency and the Norwegian government. Norway was aided in the financing of the reactor by a \$350 000 grant provided by the US Atomic Energy Commission under the Atoms for Peace Program.

The reactor, which will operate at a power level of only a few watts, has been designed to permit a wide range of experiments aimed at obtaining precise and widely applicable data on cores with mixed and variable lattices moderated by light water, heavy water, and mixtures of the two. In addition to the reactor's original critical assembly, two cores have been made available by Norway; a third, provided under the supply agreement between the IAEA and the United States, is the enriched uranium core originally used in development work for the nuclear merchant ship "Savannah". The 42 kilograms of U-235 contained in the latter core represent the first package of special nuclear material to be leased through the International Atomic Energy Agency to one of the member states of the Agency. The Joint Scientific Program Committee which is to conduct the NORA research project is headed by Raja Ramanna of India.

### *Nuclear Training*

A list of training programs in nuclear physics, chemistry, and engineering conducted by approximately 180 universities, technical schools, and research centers in Western Europe has been published by the European Nuclear Energy Agency of the Organization for European Economic Cooperation under the title, *Catalogue of Courses on Nuclear Energy in OEEC Countries*. The latest edition of the *Catalogue* covers the 1961-62 academic year and includes descriptions of the courses and of the equipment available for training in each institution. Copies of the *Catalogue* can be obtained from the OEEC European Nuclear Energy Agency, 38 Boulevard Suchet, Paris 16, France.