

## *2. Operation*

The program is administered within AEC Headquarters by the Division of Nuclear Education and Training, which is responsible for the development of program and policies and for preparation of the annual budget request. Individual portions of the program are either directly administered in headquarters or through AEC field offices, under headquarters' guidance. Use of AEC facilities by colleges and universities is administered through the contractors which operate these facilities. Examples of the more significant administrative arrangements are:

(a) Nuclear equipment grants and loans of nuclear materials for use in college and university curriculums are administered in headquarters. Institutions submit unsolicited proposals which are evaluated on a competitive basis. The grant mechanism is used for equipment and for fabrication of materials, while loan agreements are used for nuclear materials provided from Commission stocks.

(b) Predoctoral fellowships are administered through field office contracts with associations of educational institutions, with the Oak Ridge Associated Universities, Inc., administering the major number of fellowships. Awards are made to applicants as a result of national competition. The administering agency makes stipend and dependency payments to the fellows and payments in lieu of tuition and fees to the universities in which the fellows are enrolled.

(c) Traineeships, currently provided for graduate study in nuclear engineering, are awarded to individual institutions after headquarters evaluation of proposals submitted on a competitive basis. These awards are then implemented by field office administered contracts with the individual universities, covering payments to students and institution alike. The university makes its own selection of participating students within the funding levels and criteria provided by the contract.

(d) College and university hosts for faculty institutes are selected as a result of joint evaluation of competitive proposals by the National Science Foundation and by the AEC Headquarters staff. Awards are then implemented by AEC field office contracts for operating expenses of the institutes while the NSF simultaneously makes grants to the host institution to cover stipends and dependency allowances for the faculty who attend.

(e) Faculty conferences are handled on an individual basis through contracts with educational associations or individual institutions.

(f) Most short, specialized courses supported by the program are presented by the Oak Ridge Associated Universities under their AEC contract administered by the AEC's Oak Ridge operations office.

(g) A wide variety of cooperative university-AEC laboratory activities for the utilization of AEC facilities are administered by AEC field offices, under general headquarters guidance. In some cases this is done by contracts between these AEC offices and associations of educational institutions such as the Oak Ridge Associated Universities, the Associated Midwest Universities, and the Associated Rocky Mountain Universities. More frequently this portion of the overall education program is accomplished within the overall field-administered contract for the operation of the specific site.