

facets of the program relates to the fact that the laboratory facilities utilized in the cooperative programs are relatively unique to the AEC and should play an increasing role in the total Federal involvement in education. On the other hand, alternative methods of financial support may become increasingly available for broad campus-oriented support programs, though the specialized nature of the atomic energy program is such that the AEC must continue to have a significant role.

6. *Prospective changes in program orientation*

(a) *Pending legislative proposals.*—At present the AEC does not have nor does it contemplate any legislative proposals that would significantly affect its educational activities.

(b) *Proposed administrative and organizational changes.*—The AEC is developing an ADP system for more extensive information retrieval regarding faculty, student, and institutional participation in its education and research activities. This will provide factual information for assessment of program impact and development of future programs.

(c) *Probable changes in the conditions under which the program will function in 1970, for example, technological, economic, social.*—AEC technological developments in power reactors, peaceful nuclear explosives, use of nuclear reactors in conjunction with desalination projects, radiation sterilization of foods, and the many uses of radioisotopes will all continue to develop widespread use of nuclear energy in most facets of American life. The educational activities of the Commission will have to continually provide a mechanism for incorporation of these developments into the curricula of colleges and universities, as well as to help insure that sufficient manpower is available to take advantage of these technological changes. This will mean adjusting individual programs to incorporate these changes, primarily in faculty institutes and special conference activities. Cooperative activities at AEC sites and at AEC research centers on university campuses are expected to expand in magnitude.

The rising Federal interest in helping more educational institutions develop capabilities as "centers of educational excellence" undoubtedly will include AEC activities in its specialized areas. We are examining the possibility of converting some of our fellowship activities to traineeship programs in order to be more effective in the impact on "rising institutions."

We anticipate the Federal Government will continue to increase its role in general support of education through the National Science Foundation and U.S. Office of Education. This means that the various AEC specialized education efforts will be reviewed continually to adjust for this growing support of the educational community. It is possible that eventually direct AEC support of on-campus activities, such as fellowships, faculty institutes and equipment grants, may be reduced if expanded activities of other agencies provide reasonable alternative methods of support. However, through fiscal year 1970 we do not currently anticipate significant changes in operating level of our on-campus activities. Conversely, we expect to strengthen our cooperative programs between colleges and universities and AEC facilities, and believe that the total Federal coordinated educational activities will add impetus to this expansion. Additional cooperative programs with NSF and perhaps other agencies may result.