

ATOMIC ENERGY COMMISSION

CONTENTS

	Page
Introduction.....	1086
Nuclear education and training.....	1087
Biology and medicine.....	1110

INTRODUCTION

The entire atomic energy program, as with any program whose main thrust is the development of technology through research and development, has an impact on human resource development in a wide variety of ways. However, the Joint Economic Committee's purpose in conducting the Human Resources study is best served by a description of the comprehensive education program administered by the Division of Nuclear Education and Training. This is a clearly identifiable program of strengthening the Nation's educational system, primarily colleges and universities, in those specialized scientific and engineering areas of Commission responsibility. Funds for this educational program are subject to annual authorization and appropriation actions of Congress, based upon detailed submissions within the President's budget request. Descriptive matter concerning this organized education activity is provided by the answers to your specific questions as well as in the appendixes.

In addition to the formal nuclear education and training program, your committee's knowledge of the Commission's total involvement in manpower activities would not be complete without a realization that the participation of college and university faculty and students is an integral part of all the AEC research and development activities. This participation has the major purpose of accomplishing the Commission's research mission; it is not an educational activity which lends itself directly to your inquiry or to appraisal by the specific questions you have asked. However, since it does contribute to the Nation's output of scientists and engineers, your attention is called to a report, "Statement of the USAEC on the Impact on Scientific and Technical Manpower of Federal Research and Development Policies," which we recently provided to the Subcommittee on Employment and Manpower of the Senate Labor and Public Welfare Committee. An idea of the scope of this involvement of faculty and students throughout the AEC establishment is provided by the following summary.

1. During fiscal year 1965, the AEC administered more than 1,000 separate contracts with 174 educational institutions in 48 States at an approximate cost of \$67 million. Nearly 3,900 graduate students helped provide the manpower to accomplish