

Instituto Tecnológico e Nuclear (ITN)

Research & Development Activities

Annual Report

1997

Introduction

The “Instituto Tecnológico e Nuclear” (ITN), is a National Laboratory for research and development in the field of nuclear sciences. This Institute is open to several groups from the Universities and other Institutions, and some research projects are also extended outside the nuclear science field.

Last year, for the first time in this Institute, an International Panel of Consultants was asked to review and evaluate the programme of the Institute. Several recommendations were made which have been discussed with each research team.

The reorganisation of ITN is still missing although some and important steps took already place. A training course for reactor operators started with eleven technicians; a post graduated course on Applied Nuclear Physics started at the Lisbon University in October 1997; all the 15 young workers at the technician level were admitted as permanent personnel; three permanent positions for auxiliary researchers for the Portuguese Research Reactor were opened; the administrative and technical services have been reorganised and the renewal of the infrastructures continued.

As in the previous year, this Annual Report reflects the activities of ITN grouped under its main research subjects. This report summarises the research activities during 1997 and will include details of the management resources. The scientific and technical achievements are grouped in the following areas:

- New Materials and Compounds
- Environmental Sciences
- Radioisotopes and Radiation on Health Sciences
- Nuclear Engineering
- Industrial Technologies
- Archaeometry

The milestone described in the introduction of each research report on the next pages should give the reader an idea of the scientific capabilities of the Institute.

Carvalho Soares

President of CD/ITN