

TABLE OF CONTENTS

Foreword	3
Executive Summary	9
Summary And Conclusions	11
Opening Addresses	25
L. Vöröss (HAEA)	27
J.S. Griffiths, General Chairman of the Workshop	29
J. Royen (OECD/NEA)	31
Introductory Session	33
<i>Chairman: Dr. L. Vöröss (Hungary)</i>	
<i>J.S. Griffiths</i>	
Background to the Workshop: Purpose and Objectives.....	35
<i>J. Furness</i>	
Nuclear Regulatory Challenges or Who Should We Train and	
Why – a Regulatory Perspective	41
<i>T.H. Isaacs</i>	
Survey and Analysis of Education in the Nuclear Field	47
<i>G.J. Brown</i>	
Status of Nuclear Engineering Education in the United States.....	59
<i>S. Ion</i>	
Partnership for Success: Solving the Problems Together	63
<i>A. Hanti</i>	
The Nuclear Industry and the Young Generation	73
<i>J. Royen</i>	
Managing Nuclear Safety Research Facilities and Capabilities in a Changing	
Nuclear Industry : the Contribution of OECD/NEA.....	81
<i>A. Alonso Santos</i>	
International Organisations Assure Nuclear Safety Competence	87
<i>L. Vöröss</i>	
Highlights of the Introductory Session	95

Session A: How To Incorporate New Safety Capabilities Through Education and Training	97
<i>Chairman: Prof. Z. Szatmáry (Hungary)</i>	
<i>D. R. Weaver</i> Training at the Masters Degree Level in Physics and Technology of Nuclear Reactors in the UK.....	99
<i>M. Giot</i> Postgraduate Education in Nuclear Engineering: Towards a European Degree	109
<i>B. Mavko</i> Graduate Nuclear Engineering Programmes Motivate Educational and Research Activities	117
<i>G. S. Alcocer Gómez</i> Dissemination of Opportunities in Nuclear Science and Technology in Mexico	125
<i>I. Aro and T. Mazour</i> The Role of the International Atomic Energy Agency in Maintaining Nuclear Safety Competence	133
<i>Z. Szatmáry</i> Highlights of Session A	143
Session B: How To Maintain And Continuously Develop Existing Safety Capabilities	145
<i>Chairman: Mr. J. Furness (UK)</i>	
<i>AJ.H.. Goddard and C.R.E. de Oliveira</i> Nuclear Energy and Related Research in Universities; Achieving the Intellectual and Funding Framework	147
<i>M. Kim, J.-I. Lee and Y.-H. Hah</i> Challenge and Endeavor to Nuclear Safety Competence in Korea: for Now and into the 21st Century	153
<i>T. Vanttola and L. Mattila</i> Ways to Maintain Nuclear Safety Competence in Finland	163
<i>E. Patrakka</i> Maintaining Staff Competence – A NPP Operator Viewpoint	171
<i>G. Löwenhielm and G. Svensson</i> Assuring Nuclear Safety Competence into the 21st Century – a Swedish Perspective	181
<i>A .Omar, N. Bélisle and I. Grant</i> Promoting a Learning Culture to Maintain the Nuclear Safety Competence of AECB Staff.....	193

<i>I. Kiss</i>	
Training System Enhancement for Nuclear Safety at Paks NPP	203
<i>R.J. van Santen</i>	
Assuring Nuclear Competence in the Netherlands	207
<i>C. Vitanza (presented by Ms. L. Moen)</i>	
Experience with Generational Changes and Enhancement of Competence at the OECD Halden Reactor Project.....	213
<i>B.J. Furness</i>	
Highlights of Session B	225
Session C: How To Establish Nuclear Safety Capabilities To Meet Future Challenges.....	227
<i>Chairman: Dr. T.H. Isaacs (USA)</i>	
<i>P. D. Storey (presented by J.S. Griffiths)</i>	
Main Conclusions of a Seminar on Managing Technical Resources in a Changing Nuclear Industry held in London on 29 September 1999	229
<i>J.S. Griffiths</i>	
Current Positions in OECD Member Countries on Competence Profiles and Requirements for the Future : Review of Questionnaire Responses.....	233
<i>T.H. Isaacs</i>	
Highlights of Session C	239
List of Participants	241