

CONTENTS

	Page
WELCOMING REMARKS	
by the Chairman of the ASEAN-COFAF Sub-Committee on Food Handling	vii
OPENING ADDRESS	
by His Excellency, the Deputy Prime Minister of Thailand, Mr Bhichai Rattakul	ix
KEYNOTE ADDRESSES	1
Food irradiation: An alternative technology <i>P. Loaharanu, Head, Food Preservation Section, International Atomic Energy Agency</i>	2
Consumer viewpoints on food irradiation <i>A. Fazal, Regional Director, International Organization of Consumers Unions</i>	15
SESSION 1: FOOD IRRADIATION: STATE OF THE ART	19
Existing technologies in food preservation: Problems and potentials <i>R. F. Morris</i>	20
Irradiation as a quarantine treatment of fruits <i>C.J. Rigney</i>	28
Benefits of food irradiation to the trade in seafood <i>A. M. Dollar</i>	31
ASEAN COUNTRY PAPERS ON FOOD IRRADIATION	39
Experience of irradiation of spices in Indonesia <i>Wandowo</i>	40
Potential of food irradiation in Malaysia <i>Mohd Ghazali b Hj. Abdul Rahman</i>	48
Philippines' experience in marketing irradiated foods <i>A.O. Lustre, L. Ang, A. Dianco, E.G. Cabalfin and Q.O. Navarro</i>	52
The Thai multi-purpose food irradiator and experience in food irradiation <i>C. Banditsing, V. Pringsulka, M. Sutantawong, K. Noochapramul, Y. Prachasitisak, S. Piadang and S. Songprasertchai</i>	60
SESSION II: ECONOMICS OF FOOD IRRADIATION	65
Economic costs and benefits of commercial food irradiation <i>P.A. Wills and D.J. Freeman</i>	66
Economic viability and commercial experience with the Shihoro potato irradiator <i>T. Kume</i>	78
Some factors affecting cost of irradiation services in Thailand <i>S. Kasemsanta</i>	90
Economics of gamma processing in cobalt-60 irradiation facilities <i>H.G. Gay and J.G. Kotler</i>	94
Radiation processing of fruits and vegetables: A technically and economically feasible technology <i>J. H. Moy</i>	108

SESSION III: FOOD IRRADIATION - INSTITUTIONAL ISSUES	113
Update of food irradiation in the United States <i>R. E. Engel</i>	114
Food irradiation: Its role in food safety <i>R.U. Qureshi</i>	118
Key issues in food processing by irradiation in developing countries and the ensuing regulatory aspects <i>D.A.A. Mossel</i>	125
Ban Irradiation of Food <i>Hatijah bt Hashim and E. Gnanamuthu</i>	131
Some legal considerations in the adoption and application of food irradiation technology <i>S. Reyes</i>	137
REPORT OF THE PANEL ON THE WORKSHOP FINDINGS AND RECOMMENDATIONS	143
LIST OF PARTICIPANTS	147