# A SURVEY OF RADIOACTIVITY IN WATER OF CHIANG MAI MUNICIPALITY

KHIN MAUNG MYOE

A THESIS SUBMITTED TO THE GRADUATE SCHOOL
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF MASTER OF SCIENCE
IN ENVIRONMENTAL SCIENCE

GRADUATE SCHOOL
CHIANG MAI UNIVERSITY
MARCH 1998

## A SURVEY OF RADIOACTIVITY IN WATER OF CHIANG MAI MUNICIPALITY

### KHIN MAUNG MYOE

# THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE IN ENVIRONMENTAL SCIENCE

#### **EXAMINING COMMITTEE**

Associate Professor Dr. Kate Grudpan

Plank
Associate Professor Dr. Prasak Thavornyutikarn

MEMBER

Assistant Professor Dr. Yuthsak Vaneesorn

26 March 1998 Copyright by the Graduate School, Chiang Mai University

## **Acknowledgments**

I would like to express my deep gratitude to Associate Professor Dr. Kate Grudpan for his kindly supervision, guidance, and provision of reading materials and encouragement. Special thanks are also due to Associate Professor Dr. Prasak Thavornyutikarn for kindly supervision, valuable suggestions and encouragement. I like to thank Mr. William G. Prewett for his help in editing this thesis.

I wish to acknowledge the Department of Technical and Economic Cooperation (DTEC) of the Royal Thai Government for providing a scholarship throughout my study at Chiang Mai University. Acknowledgment is also due to the ERA Program, Faculty of Science, Chiang Mai University in collaboration with the University of Saarland.

I wish to thank my colleagues who have in one way or another contributed to the success of this work. Finally, I am very grateful to my well-beloved family for their understanding and supporting what I need in my life.

Khin Maung Myoe

March, 1998