REFERENCES

- P.W. Nicholsen, <u>Nuclear Electronics</u>. Wiley Interscience Pub., 1974.
- J.F. Price, <u>Nuclear Radiation Detection</u>. McGraw-Hill Book
 Co., 1964.
- 3. Ortec Staff, Model 773 Timer Counter Operating and Servicing
 Manual. Ortec Incoporated.
- 4. Ortec Staff, Models 775 and 775 H Counter Operating and Servicing Manual. Ortec Incoporated.
- 5. N.S. Staff, Linear Application. Feb., 1973.
- 6. Louis A. Delhom, <u>Design and Application of Transistor Switching</u>

 <u>Circuits.</u> McGraw-Hill Book Co., 1968.
- 7. T.K. Hemingway, <u>Electronic Designer's Handbook</u>. Business Publications Limited, 1966.
- 8. Thomas R. Blakeslee, <u>Digital Design with Standard MSI and LSI</u>.
 Wiley Interscience Pub., 1975.
- 9. Jacob Millman and Herbert Taub, Pulse Digital and Switching
 Waveforms. McGraw-Hill Book Co., 1965.
- V. Thomas Rhyne, <u>Fundamentals of Digital Systems Design</u>.
 Prentice-Hall Inc., 1973.
- William E Wicks, <u>Logical Design with Integrated Circuits</u>.
 John Wiley & Sons, Inc., 1968.
- 12. John B. Peatman, The Design of Digital Systems. McGraw-Hill Kogakusha LTD., 1972.

- 13. The Engineering Staff of Texas Instruments Incoporated,
 The Integrated Circuits Catalog for Design Engineers.
 Texas Instruments incorporated.
- 14. Jacob Millman and Christos C. Halkias, <u>Integrated Electronics</u>.

 McGraw-Hill Kogakusha, LTD., 1972.

VITA

MR. Somkid Wuthayavanich, is a graduate from Prince of Songkla University in 1973 in the field of electrical engineering. Two months after his graduation he joined the staff at the Electronic Instrumentation Division Office of the Atomic Energy for Peace, as a nuclear engineer. Since then he has been assigned to maintain and develop several nuclear electronic instruments such as survey meters, portable scalers, single channel analyzers and multichannel analyzers. One year later he was allowed to continue his study in the Department of Nuclear Technology, Chulalongkorn University. The success of the Nucler Timer/Counter development is a result from his experience gained during his working at the Office of Atomic Energy for Peace. He now has two brothers and two sisters. He still lives with his parents and enjoys reading, movies, and ocassionally travels up country. His favcurite sports are table tennis and badminton.

