

Association of Professional Engineers

of the

Province of Manitoba

Merit Award

to

WILLIAM (BILL) M. McDERMID

B.Sc.E.E., P.Eng.

Bill McDermid graduated from the University of Manitoba with a Bachelor of Science degree in Electrical Engineering in 1961.

His 31-year career in the Electrical Utility industry began in Toronto with Ontario Hydro. In 1962, he returned to Manitoba to begin a 30-year career with Manitoba Hydro. While working in the Protection Maintenance Department, Bill soon became interested in electrical apparatus insulation testing. In 1964, he assumed responsibility for performing insulation system diagnostic tests on new and existing electrical equipment. The development and implementation of electrical insulation system test procedures and standards at Manitoba Hydro took a new direction under Bill's guidance. He has continually refined his specialized expertise and has made insulation system engineering the focus of his career. Dedication to the Corporation and commitment to excellence describe Bill's approach to his work. He has been recognized not only as the corporate engineering specialist responsible for the Insulation Engineering & Testing Section, but also as the person who can be relied upon to analyze and solve difficult system equipment problems.

Bill is presently responsible for all diagnostic testing, processing, and functional evaluation of electrical insulation materials and systems. He also serves as a corporate resource on non-destructive testing and the functional evaluation and quality control testing of insulation materials, components and systems. Additionally, Bill has been directly involved with research into the development and optimization of an "on-line" partial discharge test system for generator insulation systems with the Canadian Electrical Association and Ontario Hydro.

Bill McDermid is well known and respected by members of the Electrical Utility engineering community for his energy and commitment to the refinement of insulation system evaluation and test techniques. His strong technical leadership in the engineering activities of Manitoba Hydro has contributed significantly to system reliability and the quality of equipment installations. Bill has also served as a consultant to other utilities and equipment manufacturers internationally.

Throughout his career, Bill has been active in many professional associations and has served as a member of many advisory boards and organizational committees on both a national and international basis. In all these capacities, he has provided leadership in the advancement of technical excellence within the engineering profession.

For outstanding engineering creativity and technical leadership during 30 years of direct involvement with the development and operation of the Insulation Engineering section at Manitoba Hydro, the Association of Professional Engineers of Manitoba is proud to confer its Merit Award upon Bill McDermid.

October 30, 1992