

Association of Professional Engineers
of the
Province of Manitoba

Merit Award

to

RONALD EDWARD HARRISON

B.Sc.Eng., P.Eng.

Born January 14, 1923
Southampton, England

This award is bestowed on Ronald Edward Harrison for innovative and significant contributions to the application and design of high voltage direct current transmission systems, and for exceptional leadership in the evolution of related specifications, standards and procedures.

Mr. Harrison displayed exemplary capabilities in the organizing of a consulting engineering team to develop hvdc transmission technology. He demonstrated outstanding technical stewardship in the design of the 450 mile Nelson River transmission line and terminal facilities using mercury arc technology at 900 KV dc. He later directed the expansion of this transmission system applying water-cooled air-insulated thyristor technology at 1000 KV dc. Mr. Harrison applied his knowledge and experience to producing hvdc converter transformer and reactor specifications, converter valve specifications and hvdc system concepts, many of which proved to be pioneering achievements.

Current and future generations of Manitobans will benefit from R.E. Harrison's technical contributions to the development of hvdc technology. His achievements and recognition world wide have brought great credit to the engineering profession.

November 24, 1978