

ROBERT L. SEAR, P.ENG.
President
Principal Consulting Engineer

EDUCATION

B.Sc. Electrical Engineering, 1989
B.Sc. Chemical Engineering, 1983
University of New Brunswick

OTHER TRAINING

Computer Assisted Drafting and Design (CADD) - AutoCAD AEC.

MEMBERSHIPS

Association of Professional Engineers of Prince Edward Island
Institute of Electrical and Electronics Engineers
Rotary Club of Charlottetown
Charlottetown Area Chamber of Commerce

OFFICES HELD

Director, Canadian Council of Professional Engineers, 1996-2000
Past President, Association of Professional Engineers of P.E.I.-1995
Director, Rotary Club of Charlottetown, 1999-2001
Current Member, Technical Advisory Board, Holland College
Commodore, Charlottetown Yacht Club-1994
Chairman, Charlottetown Yacht Club, Property Development

EXPERIENCE

1993 - Present

Richardson Associates (1993) Limited

President and Principal Engineer. Electrical design team leader, electrical energy conservation specialist and projects manager.
Typical Projects:

- " Electrical design for the \$2.25 Million Brudenell River Resort Site Infrastructure, Roseneath, P.E.I.
- " Electrical design for the Brudenell River Resort - Park Facilities, Roseneath, P.E.I.
- " Electrical design for the Brudenell River Resort - Golf Course Maintenance Facility, Roseneath, P.E.I.
- " Electrical design for the Brudenell River Resort - Waste Treatment Facility, Roseneath, P.E.I.
- " Electrical design for the \$30 Million AgraWest Potato Granule Plant located in Souris, P.E.I.
- " Electrical inspection services for the "Confederation Bridge".
- " Electrical design related to the P.E.I. Approach Roadway to the "Confederation Bridge".
- " Electrical design "Confederation Bridge" Bridge Operations Building.

EXPERIENCE (Cont d)

- " Electrical design of the "Gateway Village" anchor facility and associated park located in Borden, P.E.I.
- " Electrical design of the Fathers of Confederation Commemorative Park located in Charlottetown, P.E.I.
- " Electrical design of power distribution and lighting for a number of commercial, industrial and institutional buildings.
- " Electrical design of 69 kV electrical power substations for utilities and private sector.
- " Fault current and protective device coordination studies.

1984 - 1993

Richardson Associates Ltd.

Electrical design engineer and energy conservation analyst.

Typical Projects:

- " Electrical design of power distribution and lighting for a number of commercial, industrial and institutional buildings.
- " Preparation of an electrical conservation study in Grise Fiord, Canada's most northern community.
- " Detailed electrical analysis of industrial sites under the P.E.I. Enerdemo Program
- " Life cycle costing study of diesel electric generation for the Town of Summerside.