

Consulting Projects and Clients

- Developed and conducted Risk-Based Audits including safety, environment, emergency preparedness and contractor management for clients in the natural gas, nuclear, electrical utility, mining, transportation and manufacturing sectors. Clients include Enbridge Gas Distribution, Bombardier Transportation North America, Trans-Northern Pipeline, Enwave Energy Corporation, Atomic Energy Canada Limited, Ontario Power Generation, Toronto Hydro, Great Lakes Power, Lake Superior Power, Northland Power, Noranda (Brunswick Mining and Brunswick Smelting), and Stelco Steel.
- Developed Integrated Management Systems to mitigate risk based on recognized standards such as ISO 9000 (Quality), ISO 14000 (Environment), BSI OSHAS 18000 / CSA Z1000 / ANSI Z10 (Safety) and CSA Z1600 / NFPA 1600 Emergency Management and Business Continuity. Clients include Heritage Gas, Irving Oil, Island Gas, Enwave Energy Corporation, Newfoundland and Labrador Hydro, Prince Edward Island Energy Corporation, NextEnergy Centre (Detroit), Portland Energy Centre, Great Lakes Power and Lake Superior Power.
- Conducted Quantitative Risk Analysis (QRA) or semi-quantitative Hazard Identification and Risk Assessment (HIRA) analyses for:
 - Natural gas compressor stations for Heritage Gas, Irving Oil, Island Gas, Greenfield Ethanol and Canadian Natural Gas Vehicle Alliance
 - Wind-Diesel-Hydrogen projects for Newfoundland and Labrador Hydro, Prince Edward Island Energy Corporation and Basin Electric (Minot, North Dakota)
 - Alternative energy lab and testing facility at the NextEnergy Center (Detroit)
 - High pressure gas lab facilities, manufacturing facilities and specific machines for a piping/components manufacturer.
 - Subway and Light Rail Transit projects for Toronto Transit Commission
 - Distribution line design for Toronto Hydro
- Designed and delivered Safety Management / Risk Assessment Training Workshops for:
 - New Brunswick Power's Pt. Lepreau nuclear plant.
 - Toronto Transit Commission and Metropolitan Atlanta Rapid Transit Authority
 - Toronto Hydro
- Investigation of Serious Industrial Accidents/Incidents at Ontario Power Generation.