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April 18, 2008

Quinn Ross, Esquire The Ross Firm 138 Courthouse Square Goderich, Ontario N7A 1M9

> Re: Proposed Transmission Line Expansion Insured: The Ross Firm Project: Bruce to Milton, 500-kV Transmission Expansion Your File No. Hydro-One SEA Project No. 703674

Dear Mr. Ross:

SEA, Ltd. is continuing to review documents that have been filed regarding the proposed additional 500-kV transmission line from Bruce to Milton on the Ontario Hydro system. SEA received two binders and a CD copy from Hydro-One Networks regarding interrogatory responses, which include Exhibit C-1-1.1 to C-12-145 on April 14, 2008. SEA has reviewed a portion of this material, as well as additional documents found on Hydro-One's website.

As a result of not receiving the information until this week and involvement in previous commitments, the executive summary you requested by Friday, April 18, 2008, will not be completed today.

The summary of findings made by SEA to date will be sent to you on Monday, April 21, 2008. Every effort will be made to provide you the response by mid-morning on Monday.

Thank you for allowing SEA, Ltd. to assist you in this matter. Should you have any questions regarding this letter or need additional assistance in this matter, please do not hesitate to contact SEA at your convenience.

Sincerely,

Edward R. Brill, P.E. Project Engineer, Electrical State of Florida Registration No. 45819

PROFESSIONAL RESUME OF EDWARD R. BRILL, P.E., C.F.E.I.

September 2007

I. <u>General Information</u>

Senior Project Engineer SEA, Ltd. 3340 N.W. 53rd Street, Suite 402 Ft. Lauderdale, Florida 33309 (954) 777-4790 <u>ebrill@sealimited.com</u>

II. Education

Bachelor of Science Electrical Engineering Florida Atlantic University Boca Raton, Florida April 1987

Bachelor of Science Business Administration Bryan College Dayton, Tennessee May 1983

United States Naval Academy Annapolis, Maryland 1979-1981

III. Professional Summary

December 2003 to Present Senior Project Engineer SEA, Ltd. Fort Lauderdale, Florida

Investigate electrical accidents and determine causation in liability, property, and personal injury claims. Specialized in the following areas: structural and marine fire analysis; electric shock and electrocution; lightning damage analysis and validity; illumination (lighting) studies, including slip/trip-and-fall evaluations; identify product failures and deficiencies, including household appliances, commercial equipment, and industrial machinery; evaluate product adherence to mandatory standards and industry guidelines; proper handling of evidence and chain-of-custody preservation; field and laboratory testing, including nondestructive techniques and product reliability.

> 1983 to 2003 Florida Power & Light Juno Beach, Florida

1998 to 2003 Senior Power Quality Business Manager

Responsible for developing products and services for commercial and industrial customers that met their needs for improved power quality and reliability to their operations and facilities. Developed a power monitoring service, with a budget of over \$4 million.

Developed power quality related services to help customers solve power quality problems through mitigation equipment, as well as tools and techniques to desensitize electronic equipment from power quality disturbances.

Supported 6 Power Quality Engineers around the state for equipment, training, and consulting needs with power quality issues affecting customers.

Coordinated and taught FPL's Power Quality Seminar to Professional Engineers, Electrical Contractors, and Electricians around the state and obtained Professional Engineering Continuation Education approval through the Florida Board of Professional Engineers.

1988 to 1998 Power Quality Engineer

Responsible for developing, planning, and coordinating FPL's Power Quality Program. Performed analysis at over 1,000 residential/commercial/industrial customers' facilities to solve power quality problems affecting customers' equipment and operations by responding to complaints and coordinating remedies. Analysis included site inspection of wiring and grounding installations, monitoring and data analysis, and written reports presenting recommendations to improve performance of systems.

Analyzed, inspected, and monitored high- and low-voltage electrical power equipment (e.g., switchgear, transfer switches, power lines, transformers) to determine the cause of failures or malfunctions in the operation.

Analyzed facilities and equipment for damage due to lightning. Determined path of entry and made recommendations for protection to minimize exposure to future events.

Investigated grounding and wiring for faults and malfunctions that caused electrical shock or electrocution.

Testified as expert witness for Regulatory Affairs before the Florida Public Service Commission.

Nationally recognized expert in the power quality field and have published and presented numerous papers.

> 1983 to 1987 Customer Service/Engineering Training

Worked in the Customer Service Group and rotated into various Engineering Groups while attaining an electrical engineering degree.

- IV. Seminars and Additional Education
 - 1989 EPRI Power Quality Analysis Course, St. Louis, Missouri
 - 1991 Electric Power Research Institute, Power Quality Applications, International Conference on Power Quality, San Francisco, California
 - 1992 Electric Power Research Institute, Power Quality Applications, International Conference on Power Quality, Atlanta, Georgia
 - 1993 Electric 93 Conference, Atlanta, Georgia
 - 1994 Electric 94 Conference, New York City, New York
 - 1995 National Conference on Harmonics and Power Quality, Philadelphia, Pennsylvania
 - 1995 Electric 95 Conference, Atlanta, Georgia
 - 1995 Certified Energy Manager, Association of Energy Engineers, Juno Beach, Florida
 - 1998 Electric Power Research Institute, Power Quality Applications, International Conference on Power Quality, Charlotte, North Carolina
 - 1999 -- Certified Power Quality Professional, Association of Energy Engineers, Juno Beach, Florida
 - 2000 AMRA (Automated Meter Reading Association) Conference, Tampa, Florida
 - 2001 Project Success Method Course, Juno Beach, California
 - 2001 Metering Americas Conference, Miami, Florida
 - 2001 Electric Power Research Institute (EPRI) Power Quality Applications International Conference on Power Quality, Pittsburgh, Pennsylvania
 - 2002 Utility Finance & Accounting Seminar, Juno Beach, California
 - 2004 IAAI Investigation of Electrical Appliance-Related Fires, Savannah, Georgia
 - 2004 SEA, Ltd. Live Burn, Seminar Class, Columbus, Ohio
 - 2005 ABYC Electrical Certification Course, Tampa, Florida

2005 - National Fire, Arson & Explosion Investigation Training, Sarasota, Florida

V. <u>Certifications</u>

Certified Fire and Explosions Investigator (C.F.E.I.) American Boat & Yacht Council, Certification No. EC217251205

VI. Professional Registration

State of Florida, Registration No. 45819

VII. Courses Taught/Presentations

- 1992 Electric Power Research Institute, Power Quality Applications, International Conference on Power Quality, Presented Paper on Energy Conservation Equipment Creating Power Quality Problems, Atlanta, Georgia
- 1993 Electric 93 Conference, Presented Paper on Lightning and Surge Suppression Protection, Atlanta, Georgia
- 1994 National Conference on Harmonics and Power Quality, Presented Paper on Harmonic Distortion Issues for Utilities and Customers, Chicago, Illinois
- 1994 Electric 94 Conference, Presented Paper on Power Quality Wiring and Grounding Issues, New York City, New York
- 1995 National Conference on Harmonics and Power Quality, Presented Paper on Harmonic Distortion Issues on Electrical Systems, Philadelphia, Pennsylvania
- 1995 Electric 95 Conference, Presented Paper on Power Quality Issues for Sensitive Electronics, Atlanta, Georgia
- 1996 4-day Power Training Seminar to Philadelphia Electric Company (PECO), Philadelphia, Pennsylvania
- 1992-1997 Helped develop and teach the following seminars to Engineers, Facility
 - Managers, Electricians, and Building Owners at multiple locations in Florida: FPL Power Quality Seminar
 - FPL Surge and Lightning Protection Seminar
 - FPL Wiring and Grounding Seminar
 - FPL Motor Protection Seminar
 - FPL Harmonic Distortion Seminar
- 1997-1999 Power Quality Analysis Course for Electrical Contractors and Electricians Continuing Education Credits, Sarasota, Ft. Lauderdale, Melbourne, Juno Beach, and Miami, Florida
- 1998 Electric Power Research Institute, Power Quality Applications, International Conference on Power Quality, Presented Paper on Power Quality Business Issues, Charlotte, North Carolina
- 2000 AMRA (Automated Meter Reading Association) Conference, Presented Paper on FPL's Power Quality Metering Project, Tampa, Florida
- 2002-2003 FPL Power Quality Analysis Course for Florida Professional Engineers Continuing Education Credits, Juno Beach, Florida
- 2004 Presenter at South Florida Claims Seminar for the Association of Property and Casualty Claim Professionals on Origin and Cause Investigations
- 2005 Presenter at Northeast Florida Property and Casualty Claims Seminar, Fire and Electrical Investigation, Subrogation and Evidence Collection, Jacksonville, Florida
- 2005 Presenter at Insurance Network Services Seminar on Fire and Electrical Investigation – Subrogation and Evidence Collection
- 2005 Presenter at Property Casualty Claims Professional Seminar Forensic Investigation of Lightning Damage Claims, Davie, Florida
- 2006 Presenter at Property Casualty Claims Professional Seminar Forensic Electrical Failure Analysis – The Shocking Truth, Fort Lauderdale, Florida

- 2006 Presenter at the International Association of Arson Investigators Conference Investigations of Electrical and Appliance-Related Fires, West Palm Beach, Florida
- 2007 Presenter at US Law Assembling the Rapid Response Team: Early Investigation Strategies for Preparing a Successful Defense, Tucson, Arizona
- 2007 Presenter at the Southeastern Electrical Exchange Claims Section Meeting Investigations of Electrical Fires – Origin and Cause, Charleston, South Carolina
- 2007 Presenter at York Claims Service, Inc., for Property and Casualty Claims Professionals Seminar – Fire and Electrical Investigation – Subrogation and Evidence Collection, Fort Lauderdale, Florida
- 2007 Presenter at South Florida Claims Summer Conference for the Association of Property and Casualty Claims Professionals on Origin and Cause Investigations, Fort Lauderdale, Florida

VIII. Professional Affiliations

Institute of Electrical and Electronic Engineers (IEEE) National Fire Protection Association (NFPA) International Association of Arson Investigators (IAAI) National Association of Fire Investigators (NAFI) International Association of Marine Investigators (IAMI)