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Chair and CEO Report

Welcome to our second edition of **Illuminate**. Thanks to the 30% of you who responded to our online license holder survey. We always learn a great deal from such surveys, and we take action based on the results. One item of note was while most license holders understood PEGNL's basic purpose, 19% of you who responded felt that PEGNL works primarily in the interests of license holders.



Neil Cleary, P. Eng.
Chair, Board of Directors



Geoff Emberley, MBA, P. Eng., FEC
CEO & Registrar

While license holders are key stakeholders of the organization, and PEGNL may provide some services and benefits to its license holders, PEGNL does not exist to serve or represent the interests of license holders. License holders elect nine members to the PEGNL Board of Directors; three are appointed by government; with the Dean of Engineering and the Head of the Department of Earth Sciences from MUN as non-voting members of the Board. The primary role of the Board is to administer the Engineers and Geoscientists Act (2008) in the public interest.

We sometimes hear license holders ask the question: "what do I get from paying my fees?" The primary things you receive are a license and the right to practice engineering or geoscience, and the right to use the associated titles. This is the same as other professional regulatory associations similar to PEGNL such as the Law Society of NL (lawyers), CPA-NL (accountants), College of Physicians and Surgeons (doctors), ARNNL (nurses), etc. We hope you see additional advantages to being part of PEGNL, however public protection is why PEGNL exists and why government provides a legislative framework for PEGNL.

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Chair and CEO Report *continued from page 1*

Recent events have reinforced that self-regulation by a professional body is not a right but a privilege provided by provincial legislation, and this privilege can be taken away if the self-regulating profession does not function in the public interest or does not carry out its affairs in a professional manner. PEGNL's corresponding organization in Quebec that self regulates engineers, Ordre des ingenieurs du Quebec, was recently placed under the administration of 3 government appointed representatives in place of its Board of Directors, and it will remain so until the Quebec government is satisfied that it conducts its affairs properly. As well, the Real Estate Council of British Columbia was put under the supervision of the BC government until the government can restore public confidence in the regulatory body. Read further about these events in the National News section of Illuminate.

There are references to interesting disciplinary matters in other jurisdictions noted in the National News section of Illuminate. The Alberta association gives insight on a number of its disciplinary hearings. There is also a reference to a British Columbia discipline case where an engineer stamped a report covering a number of engineering disciplines without noting that he was only qualified in and taking responsibility for one discipline.

Within PEGNL's own disciplinary processes, currently PEGNL's Professional Standards Director is investigating six preliminary matters which may or may not lead to formal allegations and further steps in the discipline process. Over the past month one allegation has been resolved through registrar resolution. Three allegations are currently with the Complaints Authorization Committee (CAC). There are no matters currently subject to a disciplinary hearing. Further information on PEGNL's disciplinary processes may be viewed through this [link](#).

Regarding professional self-regulation, it is not only PEGNL staff or the 200 or so PEGNL volunteers who should be concerned about discipline and compliance. All those licensed by PEGNL should be concerned about unlicensed engineering or geoscience practice, or with inappropriate use of the associated titles. Further, where those licensed by PEGNL see other PEGNL license holders

not acting in accordance with the Code of Ethics, these people or companies should be reported to PEGNL. It is the responsibility of all license holders under the Code of Ethics to report such matters to PEGNL.

At its June 16, 2016 meeting, the PEGNL Board of Directors, approved two guidelines that impact those licensed with PEGNL.

- 1. The Professional Conduct Procedure Guideline** ([link](#)) outlines PEGNL's disciplinary processes. It was updated based on experiences learned in a past Adjudication Tribunal case and is of concern only to those involved in disciplinary cases.
- 2. The Practice Guideline for Authenticating Professional Documents** ([link](#)) outlines where those licensed by PEGNL are required to authenticate documents through use of a professional stamp. This is a rewrite of what was formerly the Guideline on the Use of the Seal, and should be of interest to most of those licensed by PEGNL. Of particular note is the requirement that a Member in Responsible Charge be indicated on the Permit to Practice stamp. A recently issued PEGNL email to all licensees and permit holders is summarized on the PEGNL web site ([link](#)).

PEGNL's Annual General Meeting and Awards Dinner were held on June 17. At the meeting, results from the election of three new Board members were announced: Gerard Dunphy, P. Eng. as Chair-Elect, Natalie Hallett, P. Eng. as Director and Bill O'Keefe, P. Eng. as Director. In addition Neil Cleary, P. Eng. moves from the Chair-Elect position to Chair of the Board. To see who is on the 2016-2017 Board, follow this [link](#). Eight award winners were announced at the Awards dinner. To see the award winners, follow this [link](#).

Did you know?

That mentoring of EIT's or GIT's qualifies as professional development under the PEGNL Professional Development Guidelines.



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GEOSCIENTISTS
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& LABRADOR
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PEGNL introduces a new brand

In 2015 PEGNL developed a communications plan. The plan identified a number of strategies to improve how PEGNL communicates with license holders, governments, stakeholders, the general public, etc. Among the recommendations included in the plan was for PEGNL to consider strengthening its brand.

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Light Pole Failures

Recent Developments Regarding Light Poles

PEGNL is aware of several light pole failures that have occurred in St. John's and Mount Pearl in recent years. As part of its role in matters of public safety and good engineering practice, PEGNL is making license holders aware of developments regarding light poles and initiatives by the City of St. John's.

In the last five years, several light poles have collapsed in parking lots in St. John's and Mount Pearl. The majority have been privately owned and located in commercial areas. Investigations into the cause of the failures have identified several contributing factors, including:

- Overloading – mounting up to 4 light fixtures on a pole designed to support a single fixture
- Inadequate strength in 25 year winds
- Inadequate fatigue strength
- Excessive loss of section due to corrosion at base (sometimes exacerbated by grouting between baseplate and concrete base thereby inhibiting drainage of interior condensation)
- Inadequate vibration dampening devices in poles located in areas subject to sustained low speed winds (8-30 km/h)

There have been two failures in Mount Pearl, one on Public Works and Government Services Canada (PWGSC) property in St. John's and three on private properties (parking lots) in St. John's. The City of St. John's, the City of Mount Pearl and PWGSC have conducted inspections of the poles in the areas surrounding the failed poles. Where applicable, private property owners have been notified of required remediation measures. More than 150 poles have been either repaired, removed or replaced in the City of St. John's. Further, PEGNL has advised various provincial government departments and they have completed some reviews/inspections and replacements while others are underway.

The City of St. John's retained a structural engineering firm to conduct an independent review of a select number of light poles and, based on the findings of that review, has determined that a revised standard for light poles is required.

The City of St. John's is currently advising property owners of the new standards which are to be followed. They are:

1. CSA 22.2 No.206-13 Lighting Poles
2. CSA-S16-14 Design of Steel Structures
3. CSA -S6-14 Canadian Highway Bridge Design Code

The applicable clauses from the Bridge code, S6-14 are:

- Section 3 Loads
- Section 6.16 Pole Foundations
- Section 10 Steel Structures
- Section 12 Barriers and highway accessory supports
- Annex A3.2 Wind loads on highway accessory supports and slender structural elements.

Some PEGNL license holders have worked on projects which have included light pole designs and installations. It is recommended that, where possible, your designs be reviewed for conformance to the new standards and your clients or property owners be advised that their light pole installations should be visually inspected to ascertain their condition and to determine whether more detailed analysis is required by a structural engineer.



Report from PEGNL's June 17, 2016 Conference and Awards Events

PEGNL's June 17, 2016 Conference and Awards Events included a variety of engaging speakers, presenting on a number of interesting and informative topics; the formal Annual General Meeting of PEGNL where the new Board members are announced; and a number of PEGNL license holders were recognized for their accomplishments both at the luncheon and at the annual awards dinner.

The day began with PEGNL Chair Jeff Card, P. Eng., FEC introducing PEGNL's new branding and material. This was further highlighted by a presentation from Open Communications, who worked with PEGNL to develop the new branding materials. A more detailed description of the branding was described in the May Edition of Illuminate ([link](#)).

Further presentations were made on the following topics:

Newfoundland and Labrador Economic and Fiscal Outlook

- Fred Bergman, Senior Policy Analyst, Atlantic Provinces Economic Council

Engineering A Brighter Future For Our Professions

- Dr. Abigail Steel, P. Eng., FEC

Overview of Vale's Newfoundland and Labrador Operations

- Stuart Mcnaughton, Vice President Newfoundland and Labrador Operations, Vale

The Ramea Wind-Hydrogen-Diesel Project and Future Wind Energy Development in Newfoundland and Labrador

- Nancy Hart, P. Eng., Manager, Business Development, Nalcor Energy

Hyperloop: The Fifth Mode of Transportation

- Anna Gosine and Adam Keating, Engineering Students, Memorial University

The Annual General Meeting of PEGNL proceeded with the announcement of those being elected to the PEGNL Board. Click [HERE](#) for a listing of the 2016-2017 PEGNL Board of Directors.

PEGNL sincerely thanks the following for putting themselves forward as nominees to the Board;

- Heather Appleby, P. Eng.
- Kris Costello, P. Eng.
- Mike Hogan, P. Eng., FEC
- Ian Osmond, P. Eng., FEC
- Bernard Ropson, P. Eng.

The Keynote Luncheon Address was given by Nick Whalen, LLB., P.Eng., Member of Parliament, regarding the importance of engineering input to government procurement decisions. He gave examples where greater engineering input could have given a better result.



The annual awards dinner and presentations proceeded in the evening. To see the award winners follow this [link](#). A more detailed description of each award and the list of previous awards winners can be accessed through this [link](#).





In this section we provide you with highlights of what is happening elsewhere in Canada with respect to engineering and geoscience. We focus on organizations that have a similar role to that of PEGNL in the other provinces and territories, as well as with the national organizations which we have formed to further our regulatory goals at the national level.

Engineers Canada

The Canadian Engineering Qualifications Board (CEQB), a committee of Engineers Canada, has added or updated three groups of documents. The CEQB develops national guidelines that provide advice on regulatory practices:

1. A new guideline, "National Guideline on Assuming Responsibility for the Work of Engineers-in-Training" ([link](#))
2. "White Paper on Professional Practice in Software Engineering." The purpose of this document is to provide information and guidance to the regulators regarding the discipline of software engineering ([link](#))
3. Added or updated five new syllabi for engineering disciplines. These are used for evaluating applications and setting exams for those who have not graduated from programs recognized by Engineers Canada or the provincial regulatory bodies. Civil Engineering Syllabus Electrical Engineering, Mechanical Engineering, Mechatronic Engineering, Chemical Engineering, Naval Architecture Engineering ([link](#)).

On June 16, 2016 Engineers Canada renewed its agreement with Texas to facilitate international mobility of engineers for a further 5 years ([link](#))

Geoscientists Canada

Hendrik Falck, P. Geo. from Yellowknife, NWT is the new President of Geoscientists Canada from 2016-2017, to be followed by Jeff O'Keefe, P. Geo, P. Eng. for Newfoundland and Labrador in 2017-2018 ([link](#)) ([link](#)).

At its meeting of June 4, 2016, the Geoscientists Canada Board of Directors approved the National Guideline for Geoscientists-In-Training Program ([link](#)).

Association of Professional Engineers and Geoscientists of Alberta (APEGA)

Read the recent decisions arising from APEGA's disciplinary process ([link](#))

Association of Professional Engineers and Geoscientists of New Brunswick

APEGNB obtained a permanent injunction against Mr. Andrew Stephen McCormick for practising engineering without a license - Read the NB Court of Queen's Bench order ([Page 1](#)) ([Page 2](#))

Ordre des ingenieurs du Quebec

The Province of Quebec has placed the Ordre des ingenieurs du Quebec under the administration of three government appointed directors arising from internal administrative matters and financial difficulties. Read the CBC article [here](#) and the response by the Ordre [here](#).

Association of Engineers and Geoscientists of British Columbia (APEGBC)

APEGBC comments on government removal of self-regulation from the Real Estate Industry ([link](#)), also Globe and Mail article ([link](#))

APEGBC disciplinary finding that an engineer affixed his professional seal to a report without qualifying or limiting the extent of his responsibility ([link](#))

B.C. moves to strengthen mine-waste storage after Mount Polley dam disaster ([link](#))

APEGBC releases Professional Practice Guidelines for Site Characterization for Dam Foundations in BC ([link](#))

Other

Canadian Academy of Engineering Report describes engineering infrastructure challenges in Canada's northern oceans and waters ([link](#)).



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Jeff O’Keefe, P. Eng., P. Geo. elected President-Elect of Geoscientists Canada ([link](#)).

Darryl Hyde, P. Eng., President of Madera Engineering and **Don Tulk, P. Eng.,** VP of Madera Engineering in Evening Telegram article noting growth of company and opening of new office in St. John’s ([link](#)).

Kim Keating, P. Eng., FEC, FCAE and **Dr. Greg Naterer, P. Eng., FCAE** appointed Fellows of the Canadian Engineering Academy ([link](#)).

Dr. Dennis Peters, P. Eng, FEC appointed Chair of the Canadian Engineering Qualifications Board of Engineers Canada ([link](#)).

Mark Fewer, B.Comm., FEC (Hon.), PEGNL’s COO and Deputy Registrar, was elected Chair of the Engineers Canada National Admissions Officials Group.

New PEGNL directors elected at PEGNL AGM in June: Gerard Dunphy, P. Eng. (elected Chair-Elect), **Natalie Hallett, P. Eng.,** and **Bill O’Keefe, P. Eng. Neil Cleary, P. Eng.** moves from Chair Elect to Chair of PEGNL Board ([link](#)).

Marie Lemay, P. Eng. appointed by Prime Minister as Deputy Minister of Public Services and Procurement. Marie is former CEO of Engineers Canada and is registered with the Ordre des ingenieurs du Quebec ([link](#)).

MaryAnn Mihychuk, P. Geo. appointed by the Prime Minister as Minister of Employment, Workforce Development and Labour and is registered with Engineers and Geoscientists Manitoba ([link](#)).

Kim Allen, P. Eng., FEC CEO of Engineers Canada to chair national taskforce on industry growth ([link](#)).

PEGNL Awards winners ([link](#))

- Darlene Whalen, P. Eng., FEC Award of Merit
- Sean O’Brien, P. Geo. Award of Merit
- Dr. Leonard Lye, P. Eng., FEC Award for Service
- Sherry Dunsworth, P. Geo. Award for Service
- Town of Torbay & Stantec Environmental Award
- Wei Qiu, P. Eng. Teaching Award
- Brian Dalton: Honorary Membership Award

