

AtlanTECHnews

for the technology professionals of

New Brunswick, Prince Edward Island, Nova Scotia and Newfoundland

National Technology Week is November 1-7

If you are interested in helping plan events, assist and participate in special events, or have promotions/special event idea suggestions for this week please give your professional association office a call.

We can always use the help.

la Semaine nationale de la technologie
Visit National Technology Week

<http://www.cctt.ca/NTW>

IN THIS ISSUE:

- = What I did this summer.....
- = Point Lepreau refurbishment
- = ACETTPEI News
- = Bursary opportunities

.... what did you do this summer ????.

I went with my family camping in Shediac for a week and then on my second week off I decided to paint my house.

Dalhousie University, 298974
Continuing Technical Education Upcoming Courses
Upcoming Professional Development Courses

Solving Power Quality & Harmonics Problems Jan 13 - 14, 2005

Halifax, NS # 4872

Go to http://www.cte.dal.ca/course_detail.php?id=4872
for the brochure.

Solving Power Quality & Harmonics Problems Feb 3 - 4, 2005

Saint John, NB # 4873

Go to http://www.cte.dal.ca/course_detail.php?id=4873
for the brochure.

For more information on Dalhousie University, Continuing Technical Education visit our homepage <http://www.cte.dal.ca>.



This was not one of my better decisions, although the front is done and looks good the rest is not done because the ladder fell,.... with me on it, ... and I now have 3 broken bones in my left foot.

Next year I will be going fishing.

Regards, Peter D. Wilson, CET
NBSCETT Saint John Councillor
Manager, CFM Industrial Rubber

The George E. Hamilton, CET "Member of the Year Award"

Do you know someone who is a NBSCETT Certified Member in good standing, maybe within your company, or your neighbourhood, or a community group; who should be recognized for what they do, both as a CET, and in their community? Is there a CET who has developed a new process; put together a piece of equipment that does something unique; has been that 'special untiring selfless person' who makes sure everyone has what they need; or, is the one person to guarantee the charity collections are in; or, maybe that CET person who does what no one else finds the time to do, or that special CET volunteer who helps your community, and is deserving of recognition?

The NBSCETT first President in 1965 through 1969, **George E. Hamilton, CET (1925-1987)** was someone special like that; to many people, and in many different aspects of the community. Mr. Hamilton was the first Town Clerk for Riverview, NB, and for many years his community involvement affected many aspects of life in the Greater Moncton area. The "George E. Hamilton, CET Member Of The Year Award", has been established to annually commemorate a member of our professional association, deserving of recognition for their unselfish contributions to our community, and, to our 'technology team'.

Recipients are; 2000 - Al DeWitt, CET (Moncton),

2001 - Gerry Caron, CET (Edmundston),

2002 - Ron (J.G.) LeBlanc, CET (Fredericton),

2003 - Robert E. Thibodeau, CET (Fredericton)

2004 - V. June Connell, cCT, CET (Saint John)

Please forward the name of the member, and nomination rationale for this honour, to the NBSCETT office, to be **received by Friday, February 11, 2005.**

Nominations may be sent E-mail:
nbscett@nbscett.nb.ca



**New Certified members are "welcomed";
and employer's 'thanked' for their support.**

Name Certification/Discipline Employer/Location

Shawn Adams, CET-Electronics = A.Q.T.S – Saint John
John Allison, CET- Civil = D.O.T. – Woodstock
Chris Anglehart, CET- Civil = Maltais Geomatics – Calgary
André Caron, CTech – Electrical = DND – CFB Gagetown
Jason Clavette, CET- Industrial = G.C. Welding Inc. – St. Joseph
Yvon Dubé, CET- Civil = Roy Consultants – Edmundston
Tony Guitard, CET – Civil = Trac Industries Ltd.- Miramichi
Luc Laforge, CET- Environmental = NBDELG – Grand Falls
Gregory Lamrock, CET- Civil = Sackville Contracting- Sackville
Rodney McQuade, CTech- Electronics = MBS Radio, Moncton
Irina Popova-McKenna, CTech- Mechanical = NGL, Fredericton
David Aspen, CET-Mechanical = Strescon Limited-Saint John
James Barnet, CET-Environmental = Aspen Environ,Fredericton
Robert Blackmore, CET-Civil = Horizon College-Fredericton
Jonathan Broczkowski, CET-Civil = NB DOT-Perth Andover
Amanda Dupuis, CET-Civil = Avide Devel.Inc.,Moncton
Keith Endresen, CET-Civil = Not currently employed
Kevin Fearn, CTech-Environmental = DND-CFB Gagetown
Anthony Fitzherbert, CTech-Civil = DND-CFB Gagetown
Wayne Hanlon, CET-Electronics = City of Fredericton
Michael Hunt, CET-Civil = A.Q.T.S.-Saint John
Tigisti Kiros, CTech-Civil = Maple Leaf Homes Inc.-Fredericton
Darrell Laszewski, CET-Electronics = Honeywell Ltd.-Bathurst
Frank Marcantonio, CET-Civil = Savoia Canada Inc.-Moncton
Peter Michaud, CET-Civil = NB DOT-Edmundston
Kurt Stephens, CTech-Civil = DND-CFB Gagetown
Duncan Stewart, CTech-Civil = DND-CFB Gagetown
Brian Taylor, CET-Mechanical = Irving Equipment Div.,Saint John
Wayne Tripp, CTech-Civil = DND-Moncton
Daniel Vienneau, CET-Industrial = Guillevin Int'l Co.-Bathurst
Shelley Walton, CET-Civil = Trainor Surveys (1974) Ltd.-
Fredericton
Shelley Warman, CET-Drafting & Design = Panel Shop,
Fredericton
James Williams, CET-Civil = Dillon Consulting Limited-
Fredericton
Michael Wood, CTech-Electronics = DND-CFB Gagetown

RECLASSIFICATION

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New! Critical Illness Insurance offers you cash when you need it most

New CCPE-sponsored Critical Illness coverage fills the gap between your government health insurance and private health, disability and life insurance plans. It offers you a lump sum cash benefit of up to \$1 million, to spend as you please, to help fight and beat the potentially devastating effects of life-altering conditions that afflict thousands of Canadians every day.

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All donations to the **Technology Foundation –
Charité Technologie** are tax deductible.

NBSCETT / SttagN-B By-Law 17

TECHNOLOGY FOUNDATION - CHARITÉ TECHNOLOGIE

The **Technology Foundation - Charité Technologie** ("the Foundation") is established by the Society to promote the training and education of members and prospective members by providing scholarships, bursaries, grants, or financial assistance to persons attending or proposing to attend any school, college, or university, and undertaking or proposing to undertake any Engineering / applied science technology diploma study in New Brunswick or elsewhere, in programs acceptable to the Foundation. The Foundation may solicit, receive and accept all manner of contributions, gifts, bequests and legacies from any person, firm or corporation.

I, _____,
(print name)

hereby direct that my donation of \$ _____ be held by the Technology Foundation/ Charité technologie Inc. [Registered Charity #866482334RR0001] for a period of not less than ten (10) years in compliance with subsection 149.1 (1) (e) (B) of the Income Tax Act.

X: _____ Mbr #:

Benefits of "Certification" presentations available to industry, employees, public

If you, your company, or community organization want to know more about the internationally recognized and inter-provincially accepted designations CTech, CET and ASCT; "nationally accredited post-secondary programs"; the standards for certification; certified members' role in education; and, the relationship and benefits to industry and career advancement; a presentation (*english or french*) is available; and will be as in-depth and detailed as requested.

Contact NBSCETT/SttagN-B.

Presentations from 20 minutes to two hours.

ACETTPEI shirts, mugs, pens and brief case.

As part of a new promotional program ACETTPEI in addition to the ring, (which is available only for fully registered members), we now offer to all our members embroidered golf shirts in the latest fashions, mugs, pens, brief cases and other clothing with our logo screen printed or embroidered on them. As well, anyone with their own personal items can have them screen printed or embroidered with ACETTPEI's Logo.

Rings are \$50 (Certified Members only)

Mugs are \$5 each, 4 for \$20 or 6 for \$25, makes a great gift. Golf shirts and other clothing (shorts, gym pants etc) the prices vary depending on style ordered.

Please contact us for prices at:

ACETTPEI, P.O. Box 1436, Charlottetown, PE CIA 7N1

Tel: (902) 892-TECH (8324) Email: Info@peiscet.pe.ca



ACETTPEI Merchandise

NBSCETT coffee mugs

\$5.00/ each;

or, six for \$25.00.

+ postage & handling
\$5.00 (No HST)



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....or,for the desk of that person
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Atlantic Canada's source for industrial technology and education

a.i.e. Moncton 2004 ATLANTIC INDUSTRIAL EXHIBITION

OCTOBER 20 & 21, 2004
Moncton Coliseum • Moncton, NB

NEW!

**Free
Seminar
program**

WEDNESDAY, OCT. 20

- Exporting 101 - Using Financing & Risk Management Tools to Compete Successfully in the Global Market Place
- Optimizing Reliability to Improve Business Results
- Meeting the Challenges of Canadian Industry Through World-Class Asset Management

THURSDAY, OCT. 21

- Professional Development in Asset Management Through MMP
- Getting Back to Basics in Maintenance

JUST ADDED ...

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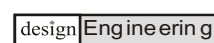
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Members' input is needed....

Articles, photographs, technical papers, "letters to the editor", are all items which are needed to make the AtlanTECH bigger and better (*as well as carrying your organization's advertising message to more than 4,000 decision makers!*) You can send in a short note about "how your company did something better: such as, - environmentally; safer; less expensive; better team processes"; maybe send in a technical report about your hobby; or, how about a 'photo essay' showing a technical situation/solution, or an opinion letter about a technical/technological issue. The AtlanTECH is published for *the technology professionals in Atlantic Canada* four times each year, so you can send in that material anytime! (use either WP, Word, .txt, via e-mail, with "article for AtlanTECH and your name" in the "Subject" line.)

send to: nbscett@nbscett.nb.ca

Thank you for your support.

The Meloche-Monnex Continuing Education Bursary

Application for the Meloche Monnex Continuing Education Bursary is open to any NBSCETT/SCETTNS Certified member or immediate family member, who has confirmed registration in a nationally accredited applied science /engineering technology training program, or regular/distance education courses/programs of relevant discipline specific for upgrading, or, leading to reclassification from Certified Technician to Certified Technologist status. Applications for this Bursary, complete with proof of program registration and curriculum outline must be received at the Society offices by December 31, 2004.

Bourse d'éducation permanente Meloche-Monnex

La bourse d'éducation permanente Meloche-Monnex de la SttagN-B/SCETTNS est accessible à tous les membres certifiés et les membres de leur famille immédiate, qui sont officiellement inscrits à un programme de formation, reconnu à l'échelle nationale, en technologie des sciences appliquées ou du génie, ou à des cours ou programmes d'éducation réguliers ou à distance dans une discipline liée à une mise à jour ou menant à une reclassification du titre de technicien certifié à celui de technologue certifié. Les demandes pour cette bourse, accompagnées d'une preuve d'inscription à un programme et d'un synopsis du programme d'études doivent parvenir au bureau des Sociétés avant le 31 décembre 2004.

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CANADIAN COUNCIL OF PROFESSIONAL ENGINEERS
CONSEIL CANADIEN DES INGÉNIEURS

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Fax: (506) 634-6371
kathy@clarkadmin.ca

AtlanTECH

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Fredericton NB E3B 5N6
Tel: (506) 454-6124 Fax: (506) 452-7076
E-mail: nbscett@nbscett.nb.ca

Editorial opinions, submitted articles and reports published within the AtlanTECH do not necessarily reflect the opinion/policy of the Councils/Societies; and the Societies do not accept any responsibility. All submissions are welcome, in either official language. Employers are offered free 'business card' size advertising space when seeking members of the Societies for employment, and general advertising rates are available upon request. The AtlanTECH has circulation to over 4,000 decision makers throughout Atlantic Canada, and across the country. Please address all correspondence to NBSCETT Executive Director, E. F. Leslie, CAE.

NBSCETT's annual membership renewal fees are due on January 1st of each new year, and valid through to December 31st of each year.

The late payment date is January 31st; and the late payment charge is \$50.00. The Registry removal date is March 31st; and employers will be notified of 'struck off' members. Certified/Associate members who are unemployed, are full time students, or, are permanently retired from the workforce, may apply for 80% reduction in dues, upon receipt of resumés / affidavits.

Please, help your professional Society better use the resources for education, the profession, and the promotion and protection of titles.

All members are urged to notify the Society office at their earliest convenience, should they have any question / concern; and to inform of any changes to their employment, or their contact information.

The View from Here

By Tim Scammell, CET – Membership Director

Well folks, you have now seen some opinions and memories from a few of us on the Board of Directors of the Fredericton Friends of the Railway Inc. John Leroux has said again that even though the station looks sad and past the point of no return this isn't the case. The consultants have taken a good hard look and this is what they have said; the cold hard fact remains that there is much work and many dollars ahead of us to get this done. The Irvings have worked hard and have shown that they aren't going to abandon us now, nothing is given on a silver platter and without effort and a show of motivation on the part of the recipient. Irving has made it clear that they have an open mind when it comes to the station. Everyone is working hard to determine the best way to get any repairs done and turn the station back into a useful, active building while maintaining its historical feel and atmosphere. If I personally had the money I would love to pay whatever the cost to have the station fixed up, but the fact remains that it's going to take more money than I have in my bank account. Irving will work with a good idea that we find and contribute towards the repairs if they deem it to be feasible. I would expect the same if it were me. One thought that occurs to me is that if the Exhibition grounds to the west of the station were developed it could only be positive for our cause. It would raise the profile of the entire west side of the city and positive attention would be directed to the area. That's only my opinion however and I realize that there are those who would disagree with it. All the years of visiting Fredericton from Ontario to visit my grandmother on Hanson Street and other family and friends in the cit, but I don't know why it is but for the life of me I can't remember what the station looked like back then. I don't even remember what it looked like when there were trains and tracks in the area. I know that they were here though. Gary Scott has shown me some great pictures that he took. I'm positive that I was coming here back then. I guess I just wasn't paying attention until I came to live here and the trains were long gone. It's so true that we don't miss something and we take it for granted until it is gone. It makes me sad that the former grandeur of the station as shown in the pictures is nowhere to be seen except in our hopes and memories. But at least these hopes and memories exist to serve as a catalyst for what we are striving for. It is for this reason that I am staying the course and doing what I can. We all are.

Every time I drive by the station I force myself to look past the battered exterior and deeper into the heart of a building which served as a vital part of Fredericton and the province not so long ago. Please remember that if you have a memory or comment that you would like to share please contact me and I will be happy to include it in the next newsletter.

I want to thank you all so much again for showing us that you care by joining us and supporting us. It is deeply appreciated. Take care,

Tim Scammell, CET

(506) 457-4292 friendsoftherailway2004@yahoo.ca



ACETTPEI PRESIDENT'S REPORT

As this is my first time as President, I know I can rely on dedicated Council members to help me get things done. I hope to build on some of our success over the last year and keep improving our association. Just a few of the things we hope to accomplish this year include our improved relations with our student members, remember these people are our future. As well as the second annual National Technology Week is fast approaching and we hope to be able to use this week to promote your association.

Our new affinity agreement with TD Meloche Monnex is just taking off, Stephen Gould, Darlene and I meet with our rep Sally Rollings this summer and we discussed some ideas to let our members know about the agreement, and we hope to be able to provide a student bursary in the future, watch for details.

With our office now approaching one year old, I would like to thank the ones who answer the phone assisting in logistical and administrative tasks and look after the mail, Darlene, Laurie and Hazel, you've made Council's job easier, Thanks.

I will have the pleasure of attending Canadian Council of Technicians and Technologists (CCTT) Annual General Meeting in Toronto this coming November; being a small Association, our travel budget is limited and we have to choose whom, where and when to travel. I can feel safe about any moose this year, as i'll get to sit in the back now.

Thanks to Stephen Gould who continues to work on our behalf at the CCTT Board of Director's table, Rosemary Terris's hard work and dedication on the Canadian Technology Accreditation Board (CTAB), and to Delbert Reeves our Treasurer who does an excellent job looking after our money.

Thank you for this opportunity to be able to serve *you*
- the member.

Respectfully submitted,
Brian McLellan, C.E.T.

37 Years of Certified

New Brunswick Society of Certified Engineering Technicians and Technologists

the Technology Professionals in New Brunswick

37 Années

October 2004

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Society
Council Meetings 

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Certification Board
Meetings

Society 
Annual General
Meeting -
Delta Fredericton

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[2005 Council=L to R] President Roger Poitras, ASCT; Moncton-Jason Godfrey, CET;
North West- Don Belanger, CET; Fredericton- Don Sharpe, CET; Bruce Forbes, CET;
Vice President Tim Scammell, CET; Moncton-Ken Geldart, CET;
Saint John- David Sheaves, CET; North East- Paul Miller, CET; North- Kevin Chamberlain, CET.



Saint John District Councilor
Peter Wilson, CET;
and,
President-Elect
E. James Nyers, CET

Success



Canadian Council of Technicians and Technologists
Conseil canadien des techniciens et technologues



**Société des techniciens et des technologues
agréés du génie du Nouveau-Brunswick**

Les spécialistes de la technologie au Nouveau-Brunswick

de Succès Agréé

May 2005

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Web site: www.nbscett.nb.ca

September 2005

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NBSCETT Registrar,
Kenneth C. Brown, CET



Assistant Registrar,
Ron J. G. LeBlanc, CET



**Une entreprise de qualité
se distingue par
ses membres.**

**You can tell quality
by the company it keeps.**



Association of Certified Engineering Technicians and Technologists of Prince Edward Island

ACETTPEI Council 2004

President, Brian McLellan, CET
Vice President, Kelly Sampson, CET
Past President, Ross Barnes, CET
Councillor Trent Collicutt, CET
Councillor, Marc Griffin, CET
Councillor, Melanie Blue, CET
Councillor Michael Nielsen, CET
Councillor Alan Robinson, CET, and,
Secretary, Laurie Eveleigh, CET

ACETTPEI Member Benefit

ACETTPEI President Ross Barnes, CET earlier this year signed an **affinity agreement with TD Meloche Monnex** to offer the members preferred group rates for home and auto insurance. TD Meloche Monnex is a national leading organization in affinity marketing and the largest direct-response property and casualty insurer in Canada, offering home and auto insurance to members of professional associations, university alumni, select employer groups and to clients of TD Bank Financial Group, as well as the general public. As a member of the (ACETTPEI) Association of Certified Engineering Technicians and Technologists of Prince Edward Island, members can enjoy savings through preferred group rates. Visit their web site at www.melochemonnex.com/group/acettpei, where on-line quotes are available.

(photo left to right) Alain Thibault, Pres & CEO, Melcohe Monnex Inc., Lorraine Freeman, Mgr., Affinity Market Group, Meloche Monnex Inc., Ross Barnes, CET, ACETTPEI Pres., Sally Rollings, Acct. Exec., Affinity Market Group, and Jean R. Lachance, Executive Chairman, Affinity Market Group.



Call for Applied Science and Engineering Technology Accreditation Team Leaders and Program Evaluators NSCETT/SttagN-B=Provincial Accreditation Board (PAB)

TEAM LEADER / PROGRAM EVALUATOR

The Provincial Accreditation Board (PAB) of the New Brunswick Society of Certified Engineering Technicians and Technologists (**NBSCETT**) and the Canadian Technology Accreditation Board (**CTAB**) of the Canadian Council of Technicians and Technologists (**CCTT**) are seeking technology professionals from industry, government and academic sectors to serve as team leaders and program evaluators to assist in accrediting Applied Science and Engineering Technology programs at Canadian colleges/ Canadian Forces Schools of Military Engineering..

Participation in the national accreditation process is a joint effort carried out by CTAB, the constituent member associations/societies of the CCTT and other accreditation partner organizations such as the Canadian Society for Chemical Technology (CSCT). This activity depends on the efforts of motivated and qualified professionals and the support provided by their employers.

Volunteering time to the National Accreditation Program provides certified members of the profession the opportunity to contribute to the achievement of high quality educational standards of applied science and engineering technology programs.

CTAB is a standing board of CCTT. CTAB's purpose is to promote the advancement of applied science and engineering technology education. CTAB also assists academic institutions in planning their educational programs. CTAB, in partnership with NBSCETT and sister provincial associations and societies of CCTT, has accredited approximately 158 programs at 39 institutions across the country.

Application/Participation for Program Evaluator

Evaluator candidates are required for accrediting programs in all thirteen global disciplines of applied science and engineering technology training programs and certification. Participation in the national accreditation process by talented certified professionals will ensure that the requirements of industry and academics are addressed. Employer sponsorship and support is crucial for the recruitment of team leaders and program evaluators. Expenses related to training and accreditation visits are reimbursed by CM/CTAB. Prior to participation in accreditation visits, selected team leaders and program evaluators are required to attend a CM sponsored one-day training seminar.

APPLICATIONS /request information contact:

NBSCETT / SttagN-B

2 - 385 Wilsey Road

Fredericton, NB E3B 5N6

.... from ED's desk *Edward F. Leslie, CAE - Executive Director*

The Society would like to be much more efficient with your membership dues. Beginning in December 2004 the AtlanTECH newsletter will be forwarded via e-mail to all members as simply a URL address notifying you of a new issue to be viewed/downloaded at the website. Please send an 'e' message immediately to the NBSCETT office if you have not as yet given your current e-addresses. **Thank you for your consideration.**

À partir de décembre 2004, le bulletin AtlanTECH va être distribué à tous les membres par courriel en format .pdf ou par simple envoi d'une adresse URL indiquant où trouver le dernier numéro pour consultation ou téléchargement. S'il-vous-plaît envoyer nous immédiatement votre correcte addresses de courriel, si vous ne l'avez pas déjà faite.

Merci de votre coopération.

Please remember we need all members to notify the Society when they have changed something in their profile situation: --- either they have changed employers, changed offices, become retired, become unemployed, or most importantly changed residence or phone numbers. Please consider: as the only information the Society has for contact to the members, is the information which we trust to be maintained appropriately by the professional members themselves = therefore if we can not contact you, there is vital information not getting to you! All members in all membership categories, and applicants are urged to remember to call/ fax/e-mail the respective Society office at their earliest convenience should they have any questions of activities, processes and/or policies ;.. our answering machine is on all the time.

Please: send us your E-address NOW! Thank you.

MARK YOUR CALENDARS NOW = the 37th Society AGM will be held at the Fredericton Delta, Friday and Saturday, April 29-30, 2005. The Friday evening Past President's Banquet and 'swearing in' ceremony will begin with the reception at 6:00pm, and the Members' Business Meeting is set for 10:00am Saturday, April 24, 2004

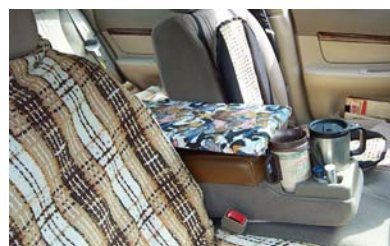
Should you be the certified member in your organization who is required to make presentations, either within the company or to public/clients, or to participate in "trade show/expositions", contact the Society office to benefit from individual or group workshops on '**presentations made great**', and '**working a trade show**'.

Remember to use your designation whenever you sign your name = you've earned it; be proud!

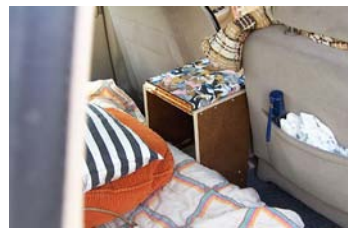
.....what I did this summer

As in many past years, my summer holidays are consumed by traveling with my family to visit relatives elsewhere in the country, and usually to spend a few days at either my parents or parents-in-law home doing "odd jobs". the lists of 'odd jobs' over the years have ranged from repairing rain gutters, updating smoke alarms, cleaning out garages, or basements, repairing wooden verandahs, concrete sidewalks, replacing kitchen plumbing, bathroom fixtures, you get the idea I'm sure, and this litany probably sounds quite similar to anyone else's list who lives more than a day's drive from their family.

With the turn of the century, my wife and I became "empty nesters", but of course still have the managerie of critters, although the numbers have now dwindled from two pond



carp, three cats and a dog, to just one cat and one dog. The one dog however is the matter of discussion. The dog (approximately 10-11 years) was rescued earlier this



year from a Bridgewater shelter, and I can now attest that you **can** indeed teach an old dog new tricks,... but it demands a great amount of patience. One of the things we can't change in his Bichon-

Frisée hardwired head is the separation anxiety when either my wife or I leave the car, and he believes he is being left behind. When we exit the vehicle, we have to get out with our hands in the air (as if in surrender to authorities) so that passers-by don't misconstrue his shrieks of worry, with animal abuse. In order to allow nearness and safety, the photos show the 'dog perch' hinged to back seat over-the-hump-box, for access and protection of the front seat console.

Backyard Boot Bench

These rubber boots are concrete filled, and the oak board seat slates are affixed using concrete expanable sleeves and lag bolts.



.... what did you do this summer ????....



It all started long before summer was even here with the notion of selling and building our third home. Only this time we really had a feel for what we wanted and needed and one of those needs was a lot in a subdivision instead of in the woods in Beaver Dam.

We chose a lot in Brookdale Gardens Subdivision out the Hanwell road 10 min from Fredericton instead of 30 to 40 min. We took possession on the first of May 2004. With permission from the owner we had cleared the lot ahead of time. After the first week of May was over we had a hole but no foundation. By the 18 May we had a foundation for a split entry and the first load of lumber was there as well. By the 22 of May we had the shingles on the roof and things continued to click for us for the rest of June making it possible to move in after only 5 weeks of construction time. We now have a beautiful new home with a heat pump to give us central air as well as cost cutting for the heating (we hope). That's the way I spent my vacation and I would like to recommend E & L Tapley for any of your construction needs. Call him, Ervin Tapley, and you will not regret it in the least. Now here are a few photos and I really need a vacation now.



Bruce O'Blenis CET.

Neill and Gunter Limited - Fredericton, NB

A **Saint John Branch (NBSCETT) meeting** will be held on **Tuesday, November 2nd at 7:00pm in the "C" Block Lecture Theater at NBCC Saint John**, on Grandview Avenue.

Our guest speakers Ms. Pam McKenzie CST, CET and Mr. George Paulin ANBLS, will explain how the new land titles process will affect purchasing property and the importance of having a survey done.

There will also be an election of executive officers for Saint John Branch. If you are interested in any position or wish to nominate anyone please reply to this e-mail, or attend the meeting and participate.

Newly certified Members will be sworn in, so if you missed the ceremony in April at the AGM, don't miss this chance. We hope to see you there.

Dave Sheaves CET,
Saint John Branch, Vice President



"THE" website for HR managers searching for **"THE PROFESSIONAL"** certified technical staff; and **"THE"** site for resumé of CCTT Constituent Member organizations' members.

= www.cten.ca =

Memo: to all NBSCETT / SttagN-B members

As the membership renewal invoices are sent out (November) for our professional designation fees, the Society endeavours to ensure that our member database is as current as possible. This database is of vital importance in our interaction with members as well as with other organizations including: other provincial associations, our national federation (CCTT), various levels of government, educational institutions and potential employers. Member "personal information" is not disclosed without your expressed consent; excluding the basic contact information for affinity program offers, and subsequent benefits to members and the Society, as per the membership application forms.

It is very important for the Society to maintain members' current contact information; please take the time to provide the Society with all contact information; noting the particular need for the email address(es). The ability to contact and provide information to members via email would save a great deal of time (and also a major expense for postage). The Society would also therefore be able to pass on important information in a much more timely manner. Please complete the data form below and return it to our office by fax or mail; or alternately you can send us an email with the noted data.

Member information Certificate # _____
Last Name: _____ First Name: _____ Initial _____

Discipline: _____ Date of Birth: (Day/Month/Yr.) _____ / _____ / _____
Designation (circle one): ASCT CET CTech

Designation: Technologist /Technician /Associate /TGIT /Student /Life /Honorary

General Contact information:

Mailing Address:

Street #/Apt.# _____ Municipality: _____
Province (if not New Brunswick) _____ Postal Code: _____

Telephone #: Residence: _____ Office: _____

Fax #Office: _____ Email: _____

Address Office: _____

Bill C-6: Privacy Act:

The Federal Government has established a Privacy Act which: *Recognizes individuals right to privacy of their personal information; *Recognizes the rights of organizations to collect, use or disclose personal information for legitimate business purposes; *Establishes rules for handling personal information. The Privacy Act mandates that NBSCETT/SttagN-B must confirm with its members, before disclosing any of your personal information to third parties. We carefully review any requests for information that we receive and only consider those, which we believe, are bona fide and will have benefits to our membership. At present the companies that are receiving contact information of members: are MBNA Canada, and Meloche Monnex.

Please complete the notice below, (circling choice A or B) and forward it to NBSCETT/SttagN-B office within the next 30 days or alternately send us an e-mail with the text of the notice and including choice A or B; otherwise we will consider that you have given consent for disclosure of your name and mailing address to Society selected third parties.

Notice to NBSCETT on disclosure of personal information

I _____
(Member's Name -please print)

a/ give NBSCETT/SttagN-B consent to disclose personal information; specifically my name and mailing address to selected third parties. **Or**

b/ DO NOT consent for NBSCETT/SttagN-B to disclose any of my personal information to third parties.

Member's Signature: _____ Date: _____

Nuclear energy is a particularly important issue for New Brunswick since 30% of the province's electricity comes from the Point Lepreau Nuclear Generating Station.

The time is fast approaching when a decision must be rendered on its future.

Should the province refurbish the station or close it down?

It is understandable that this is not an easy question to answer for many New Brunswickers. No source of electrical energy arouses passionate debate more than nuclear power. Unfortunately, many of these debates are based more on emotion than fact. Misinformation abounds. How can the average person be expected to arrive at a reasoned opinion on such a hot topic? It may be prudent to begin by asking four simple questions:

- 1. Is it safe?**
- 2. How will it affect the environment?**
- 3. Is it economical?**
- 4. Does it fit with my community?**

This is our attempt to provide forthright answers to these very fundamental questions.

1. Is it safe?

Let's begin by stating that no human endeavour, and no industry, is without risk. Power generation, including nuclear, is no exception. However, one must consider two concepts when evaluating nuclear power:

- Risk versus benefit
- Relative risk

The first concept is fairly straightforward. We live in a highly developed and highly industrialized society. Energy is the lifeblood of our society, with electricity being a major component of the energy mix. Some environmentalists argue that renewable energy sources such as wind and solar, along with conservation, could eliminate the need for large generating stations. However, solar and wind generation are very expensive and can only be considered fringe sources at this point in their development cycle. Conservation makes sense but can only take us so far without requiring drastic changes in our life style and standard of living. Therefore, large power generation facilities, nuclear or fossil, will be with us for some time. At least for the next generation or two we need the benefits they offer.

Dear NBCC Student:

Qualified NBCC students enrolled in full time applied science and engineering technology training programs may become the Society's **"Student Members"**, during their college term. Upon receipt of the annual membership renewal of \$10.00, the student will receive a wall certificate stating: *"Student Membership is granted to ...student's name..., and, is valid during enrollment in the applied science / engineering technology programs of the New Brunswick Community College."*; and, the student shall receive all regular information and publications of Society information and consumer affinity programs, as well as related professional development materials.

Maintaining membership within the Society during college and particularly upon completion as a "Technology Graduate In Training" is vital to an individual's certification and professional technology career.

Cher étudiant de CCNB,

Les étudiants qualifiés du CCNB inscrits à temps plein au Programme de formation en technologie de génie et de sciences appliquées peuvent devenir « **étudiants membres de la société** » pendant leurs études. Dès réception du renouvellement de la cotisation annuelle de 10 \$, l'étudiant recevra un certificat précisant ce qui suit : *Le statut d'étudiant membre est accordé à... (nom de l'étudiant) et cette qualité de membre est valide tant que l'étudiant est inscrit au Programme de technologie de génie et des sciences appliquées du Collège Communautaires du Nouveau-Brunswick.* L'étudiant recevra toutes les publications régulières de la Société et toute l'information sur les programmes ainsi que le matériel de perfectionnement professionnel connexe.

Il est essentiel de maintenir son adhésion à la Société pendant les études collégiales et surtout après l'obtention du titre de « diplômé en technologie stagiaire », pour maintenir la certification et pour poursuivre une carrière de technologie professionnelle.

Information / registration form: NBSCEIT / SttagN-B Tel: 454-6124 e-mail: nbscett@nbscett.nb.ca

Point Lepreau Nuclear Generating Station

That brings us to the second concept: relative risk. One way to evaluate relative safety is to compare the safety records of fossil and nuclear power generation.

There are roughly 120 operating reactors in Canada and the United States. Most have been operating for 25 to 30 years. During that period, one serious accident occurred in 1979, Three Mile Island. That reactor was never returned to service so the financial impact was very significant. However, no one was hurt during that accident and radiation exposure to workers and the public was virtually nil. Therefore, after roughly 3000 "reactor-years" of operation not one individual in North America has lost his or her life, or health, because of a nuclear power plant. Of course, the Soviet Union's 1986 Chernobyl accident cannot, and should not be forgotten. Thirty-one people died during the accident, or shortly after, from injuries or radiation exposure. Fourteen others who received large doses of radiation died within ten years. Others may yet die from radiation-induced cancers. By comparison, 7,110 people lost their lives worldwide during the period 1979 to 1986 in the generation of power from fossil fuel. Over that same span, hydroelectric power accounted for 3839 deaths, mostly dam failures. Every large energy production facility has within it the capacity for devastating accident.

However, the safety record of the nuclear industry far surpasses that of the competition. Part of the reason for that superior performance may lie with higher standards of safety mandated through government regulation. For example, Canadian reactors are operated under a separate regulatory body, the Canadian Nuclear Safety Commission, (CNSC) whose fundamental mission is nuclear safety. The CNSC have an office at Point Lepreau Generating Station and are present every day evaluating compliance with Canada's laws and regulations. It is a little bit like having an RCMP officer ride along with you everyday to ensure you obey all of the traffic laws.

2. How will it affect the environment?

Air pollution and global warming have become huge issues as populations grow and people increasingly move to large urban centers. The major culprits are exhausts from automobiles and fossil-fired power stations. For example, a 1000 megawatt (MW) coal-generating station pumps roughly 12 million metric tonnes of greenhouse gases into the air each year. It also produces another 750,000 metric tonnes of fly ash. It is not only an environmental issue. It is a health and safety issue. Each year many hundreds of Canadians succumb to respiratory and/or heart failure due to air pollution. By comparison, a 1000 MW nuclear plant

emits virtually no air pollutants. The major issue with nuclear plants is nuclear waste. The good news is that there is not much of it. For example, that 1000 MW nuclear reactor requires roughly 50 metric tonnes of fuel per year. Contrast that with 3 million metric tonnes per year for the coal plant. In any case, no one can deny the toxicity of spent nuclear fuel. However, the technology for safe and secure storage of nuclear waste is available now and for the long term. Because of relative volumes that statement cannot be made for the hazardous wastes from other industries such as mining and manufacturing. Again, there is no environmental free lunch when it comes to heavy industry. However, nuclear energy offers clear advantages over fossil generation in an era when air pollution and global warming are such dire and immediate concerns.

3. Is it economical?

To evaluate whether nuclear power generation is economical, it must be compared to the alternatives currently available. At present, fossil fuel generation from coal, oil or gas provides the only realistic alternative to nuclear, especially for New Brunswick. Available hydroelectric sources have to a large degree already been tapped. Solar or wind generation is not well suited to provide base load power because of low and variable operating efficiencies. The wind does not always blow and the sun does not always shine. Also, they are relatively expensive to install on a dollar per unit energy basis. Perhaps research and development will bring the cost down. Unfortunately, wind and solar are not expected to be mainstream energy sources for the near to mid term. Therefore, we are back to fossil-fired generation. Fundamentally, fossil plants are cheaper to build but more expensive to operate. For example, the capital cost for refurbishing the Point Lepreau Generating Station will be roughly \$1 billion. A fossil plant of similar size may cost roughly \$500 million. However, a nuclear plant is much cheaper to operate. Nuclear fuel is cheap and should remain so. It is abundant. Since it is mined and refined in Canada political or price instability should not be an issue. Of course, the opposite is true for oil and gas. Oil prices are soaring due to political instability or supply issues. As for natural gas, it is not only currently expensive like oil but also may not be available down the road. Current and projected fossil fuel pricing tips the scale significantly in favour of nuclear. Coal does remain competitive. However, common sense would argue against new coal generation given its horrendous impact on human health and the environment.

The big issue with nuclear remains construction costs. The first generation of reactors and some early refurbishment projects were plagued with large cost overruns. However, several overseas CANDU reactors have been recently completed on time and on budget. Proper project management and cost control should ensure that the Point Lepreau Generating Station refurbishment would be equally successful. At the estimated capital cost of \$1 billion Point Lepreau Generating Station is the clear economic winner over fossil generation given current and projected oil and gas prices.

4. Does it fit with my community?

Communities are made up of citizens. In a very real sense, the quality of a community is a reflection of the collective character of the citizens that make it up. Neighborliness, respect for others, and contribution to the common good are characteristics of a good and safe place to live. Industries can also be thought of as citizens. Which makes the best neighbour, a fossil or a nuclear generating station? From a socioeconomic viewpoint, a nuclear plant offers clear advantages. For example, the Point Lepreau Generating Station provides high paid permanent employment for roughly seven hundred people. A fossil plant of comparable size might employ one hundred and twenty-five workers. These neighbours spend their money locally for housing, goods and services. They not only add money to Saint John and surrounding communities. They add diversity, vibrancy and community spirit.

From an environmental standpoint, the Point Lepreau Generating Station has been the best of neighbours. Since 1983 the nuclear station has kept millions of tons of pollutants and greenhouse gases from fossil generation out of southern New Brunswick's air. From a safety standpoint the Point Lepreau Generating Station, like all CANDU reactors, has an impeccable record.

By any standard the Point Lepreau Generating Station has been, and continues to be, a good citizen of New Brunswick and an excellent neighbour within Southern New Brunswick communities.

For an interactive schematic of the Point Lepreau Generating Station's configuration, and more information about refurbishment, please visit the following link. <http://www.nbpower.com/en/about/nuclear/refurbfinaleng.swf>

***Submitted by Bill Rankin, CGA,
and June Connell, CET***

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^{*}No purchase necessary. The contest is open to residents of Canada who have reached the age of majority where they reside. The approximate value of the new Mercedes-Benz CLK320 Cabriolet is \$74,000. The contest runs from January 1st to December 31, 2004. In order to win, the entrant, selected at random, must correctly answer a mathematical skill-testing question. For the odds of winning and to learn how to participate, see the complete rules of the *Win the new Mercedes-Benz CLK320 Cabriolet* Contest at www.melochemonnex.com/nbscett.
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