

Please Circulate:  
Veuillez faire circuler svp:

Nov 2005

# AtlanTECHnews

for the technology professionals of

*New Brunswick, Prince Edward Island, Nova Scotia and Newfoundland*



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

**NBSCETT**  
**SttagN-B**

New Brunswick Society  
of Certified Engineering  
Technicians and Technologists

2-385 Wilsey Road, Fredericton, NB, E3B 5N6  
Phone: 506.454.6124 Toll Free: 1.800.665.TECH Fax: 506.452.7076  
Email: nbscett@nbscett.nb.ca



[www.nbscett.nb.ca](http://www.nbscett.nb.ca)

**IN THIS ISSUE:**

- = What is the WOW Relay?
- = Point Lepreau refurbishment
- = ACETTPEI News
- = B.I.D.
- = .... from ED's desk .....

## **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, PTech (Fredericton),

2003 - Robert E. Thibodeau, CET (Fredericton)

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

2005 - Gerry L. Deveau, CET, MSM, CD (Fredericton)

Please forward the name of the member, and nomination rationale for this honour, to the NBSCETT office, to be **received by Friday, February 11, 2006.**

Nominations may be sent E-mail: [nbscett@nbscett.nb.ca](mailto:nbscett@nbscett.nb.ca)



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

Denis Allain, CET  
Alfred Babineau, CET  
Michel Beaudion, PTech  
Garrett Bell, CET  
Dolores Bryar, CTech  
Crystal Ann Caines, PTech  
S. Dwight Colbourne, CET  
Marc Colwell, PTech  
Francis Comeau, CTech  
Marc Comeau, CET  
Etienne Cormier, CET  
Heber A Cuellar, PTech  
Jean-Luc Doiron, CET  
Ryan A. Dollar, PTech  
Shannon Dorrans, PTech  
Chandra L. Fagan, CET  
Morgan Gunter, PTech  
Hugo Haché, CET  
Michael Hickey, PTech  
Steven Higginbotham, CTech  
David Hinz, CTech  
Karen Howe, PTech  
Ronald Johnston, PTech  
Deborah Kay, CTech  
Arthur Kenny, CET  
R. Ross Ketch, PTech  
Donald Lirette, CTech  
Kimberley Malley, PTech  
Doug McCluskey, CET  
Roger McDonald, CTech  
Denis McLaughlin, CTech  
Wayne Mercer, CET  
Troy O'Brien, PTech  
Tanya O'Donnell, CET  
Christine Pearson, PTech  
Christopher Purdy, PTech

Billy Read, CTech  
Peter Reynolds, PTech  
Andrew Robinson, CTech  
Mark Ross, CET  
Gregory R. Smith, CTech  
Adam R. St. Amand, CTech  
Ronald Stiles, CTech  
Peter Stymiest, PTech  
Luke Swim, PTech  
Matthew Wilson, PTech  
Robert Zelward, PTech

CFB Gagetown  
South East Health Authority  
Regis De La Soute Bathurst  
Amec Earth & Environmental  
  
Fundy Engineering Ltd.  
Town of Quispamsis  
Neill and Gunter Limited  
Dr. G.L. Dumont Hosp.  
Ville Tracadie-Sheila  
Aurele Mallais et Fils Ltee  
B & G Sprinklers Ltd.  
Ville Tracadie-Sheila  
City of Saint John  
Technico Inc.  
City of Moncton  
Simpson Bldg. Contractors  
J.R. Daigle Engineering  
The Panel Shop  
DND / CFB Gagetown  
DND / CFB Gagetown  
Miramichi Engineering  
Neill and Gunter Limited  
DND  
Terrain Group Inc  
AD Fiander Associates Ltd  
DND / CFB Gagetown  
Environmental & Local Gov't  
Missking Link Technologies  
DND / CFB Gagetown  
Gloucester Construction  
Royal Dist. Planning Comm  
Conquest Engineering Ltd.  
Godfrey Associates Ltd.

Fundy Environmental and  
Fabrication Services  
Akita Basement Systems Inc

NB Power

DND / CFB Gagetown  
Cablecom Systems Ltd

NB Power  
Macdonald Builders  
Source Management Ltd.  
CBCL Limited



**Polaris is sponsoring the 2006 Way Out Women, or "WOW" Snowmobile Relay to raise awareness and funds for Breast Cancer Research.**

This is a Canada wide snowmobile relay where 3 women from each province in Canada are selected to run the snowmobile relay across their respective provinces. In return, the relay riders raise funds and awareness for Breast Cancer Research. Guess who is one of the three women selected to snowmobile across New Brunswick (on a new Polaris !)? Pamela Mae Jardine, CET, an NBSCETT Past President, was selected !



Women working in the Polaris Sales office in Winnipeg, MB, launched the WOW Relay in 2003 after a co-worker was diagnosed with breast cancer. The inaugural WOW Relay took teams of riders across Canada and raised \$175,514 for the Canadian Breast Cancer Foundation. According to statistics, an estimated 233,000 women in North America will be diagnosed with breast cancer this year, and 45,200 will die from it. Breast cancer also occurs in men but is very rare. An estimated 1,640 men will be diagnosed with breast cancer this year.



**The New Brunswick portion of the relay** begins in Bouctouche on January 21<sup>st</sup>, continues on to Miramichi, Campbellton, Edmundston, and finally Rivière-du-Loup, Quebec, where team Quebec begins their journey on January 25<sup>th</sup>. Everyone is welcome to join the ride or a portion of the ride as it goes through your area. All Donations (\$20 or more) are tax deductible, and all monies collected is directed to Canadian Breast Cancer Foundation.

*WOW Relay Riders: Tracy Fortune and Norma Brennan  
– fellow Team New Brunswick riders*

You can see the other riders profiles and photos from New Brunswick as well as from the other provinces in Canada at the national website. You will find many of the girls are riding in memory of someone lost to breast cancer, or, in honor of someone who has survived breast cancer.

"I am very excited and am endeavoring to raise pledges." says Jardine. You may also **find more information about the 2006 WOW Relay itinerary, and the Polaris Canada/Canadian Breast Cancer Foundation partnership at the following link:**

**[www.polarisindustries.com/en-us/Vehicles/EventsAndTours/2006WOWRelay.htm](http://www.polarisindustries.com/en-us/Vehicles/EventsAndTours/2006WOWRelay.htm)**

**For participation and sponsorship please contact Pamela Mae Jardine, CET - (506) 367-1912, or [pamela.jardine@gnb.ca](mailto:pamela.jardine@gnb.ca)**

# 2005 National Construction Codes Now Available

The National Research Council of Canada published the 2005 National Construction Codes on September 26, 2005.

The National Building Code of Canada 2005 (NBC), the National Fire Code of Canada 2005 (NFC) and the National Plumbing Code of Canada 2005 (NPC) offer many improvements over the 1995 editions, including technical updates and new information for understanding what must be done to satisfy the Codes' provisions.

Close to 1,300 technical changes have been incorporated in the 2005 National Construction Codes to address the many technological advances as well as health and safety concerns raised since the 1995 editions were published.

Moreover, the Codes have been reconfigured into an "objective-based" format for the 2005 editions. New information, namely objectives and functional statements, has been added to the Codes. This new information allows for flexibility in Code compliance by helping code users evaluate alternative solutions.

The 2005 Codes are clearer, easier to apply to existing buildings and more accommodating to innovation.

Printed versions are now available in two practical formats: a binder and a soft cover version.

The new Codes are available for purchase on-line at [www.nrc-cnrc.gc.ca/virtualstore](http://www.nrc-cnrc.gc.ca/virtualstore)

## For more information:

[www.nationalcodes.ca](http://www.nationalcodes.ca)

1-800-672-7990 or 1-613-993-2463 (Ottawa-Gatineau and outside Canada)

Also, beginning in December, NRC, in coordination with the provinces and territories, will present seminars across Canada on the most significant technical changes in the 2005 NBC, NFC and NPC. For more details on dates and registration information, go to [www.nationalcodes.ca/seminars](http://www.nationalcodes.ca/seminars)



## Errors and Omissions Insurance for NBSCETT members

### NBSCETT Errors & Omissions Insurance offers:



- Very attractive annual premiums
- Protection against Professional Liability
- Instant Online Quote available at [www.caininsurance.ca](http://www.caininsurance.ca) or by phone 459-3000 or 1-888-475-2246  
Contact: Angie Walton
- Various limits of Insurance available
- Low deductibles

860 Prospect St. Fredericton, NB E3B 2T8  
[www.caininsurance.ca](http://www.caininsurance.ca)



# **NEW** choices make it easier to protect you and your family!

More than 48,000 of your peers have chosen the protection of insurance plans sponsored by the Canadian Council of Professional Engineers.

New Term Life coverage maximums and rate reductions make protecting your loved ones more affordable. And you can look forward to greater support for your financial security, now that Manulife Financial has added the popular CCPE-sponsored Disability and Health & Dental coverage to the choices it offers you!

**EXCLUSIVELY  
FOR ENGINEERING  
AND TECHNOLOGY  
PROFESSIONALS**

## **Choose the coverage YOU need from this expanded range of Plans:**

**REDUCED  
RATES!**

**Term Life Insurance** provides reduced rates for volume purchases, and up to \$1.5 million in coverage, to ensure the financial future of those who depend on you.

**FIRST TIME  
OFFERED!**

**Health Care & Dental Care** pays eligible expenses over and above those paid by your government health plan.

**FIRST TIME  
OFFERED!**

**The Disability Income Replacement Plan** offers you a replacement income of up to \$10,000 a month while you are disabled and unable to work.

**FIRST TIME  
OFFERED!**

**The Business Overhead Expense Plan** could reimburse you up to \$8,000 a month in ongoing business expenses while you are totally disabled.

**Major Accident Protection** offers a lump sum benefit of up to \$500,000 each for you and your spouse to help you cope with the hardships of a sudden, debilitating accident.

**Critical Illness Insurance** offers a lump sum payment of up to \$1 million, to spend any way you choose, if diagnosed with any of the 18 covered life-threatening conditions.

**Take advantage of these exclusive Plans today. After all, 48,000 engineering and technology professionals can't be wrong! Contact us today!**

Call toll free

**1 877 598-2273**

Monday through Friday from 8 a.m. to 8 p.m. ET.

Or visit us on the Web at:

**[www.manulife.com/TNS](http://www.manulife.com/TNS)**

Sponsored by:



CANADIAN COUNCIL OF PROFESSIONAL ENGINEERS  
CONSEIL CANADIEN DES INGÉNIEURS

Underwritten by:

**Manulife Financial**

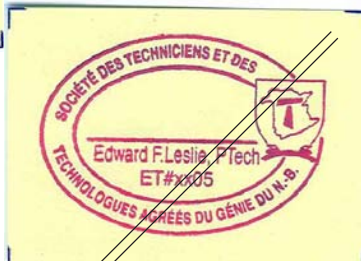
The Manufacturers Life Insurance Company

\* First time offered by Manulife Financial.





**Member Identification stamp** (english or french) order form is available on the Society's website; as well as the Technology ring order form.



Whether it's the Society's certified member's identification stamp (in English and French), or the **Canadian Technology ring**,

worn by Professional Technologists and Certified Technicians, on the small finger of their working hand, these indicators announce the certified member status, and recognition within the multi-disciplinary team.



## Protect your Professional designation.

Society members can help protect their titles by reporting any misuse of an NBSCETT/SttagN-B designation to the office. It's important that only certified members use the titles, because they have worked hard to earn their designations. The New Brunswick *Engineering Technology Act* (July 1986) states it is an offence for anyone who is not a full member of the Society to use the titles, Certified Engineering Technician/Technologist, Certified Technician, Applied Science Technologist, Professional Technologist or the designations, or the like of, CET, CTech, or PTech.

Sometimes someone may mistakenly use one of the Society's protected titles; or possibly a non-member continues to display a membership certificate after being struck from the Registry, giving the impression they're still certified. When an individual is no longer a member in good standing, the wall certificate, and all other identifying items including the member's stamp and ring must be returned.

The categories of Associate, Technology Graduate In Training and Student are not allowed to use any designation. When you become aware of a misuse, contact the Registrar anonymously with proof of business card, stationary, or web addresses.

## 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 PTech

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: \_\_\_\_\_



**DR. BARRY C. JONES**

**Barry C. Jones, PhD, has been appointed NBSCETT's inaugural "Public Councillor" for a three year term, on October 15, 2005.**

Barry C. Jones, PhD, earned a doctoral degree in Fisheries Sciences from Simon Fraser University in 1976 after years working in the forest industry and surveying in British Columbia.

During the latter 1970's he worked as a consultant to government and industry on marine fisheries research/management and environmental impact, and for the fishing industry in development and business management, primarily in Canadian Atlantic and Arctic regions.

For the next twenty plus years he worked for the New Brunswick Department of Fisheries and Aquaculture as Director of Commercial Fisheries Management and then as Director of Sustainable Development, which included several years concurrently as acting Director of Economic Planning and Assistant Deputy Minister of Policy and Planning. During this time he represented the province on many regional, national and international committees, and was responsible for the establishment of supportive community infrastructure.

Retired in February, 2002, but remain involved with community groups on their board executives, such as the York Credit Union, the Coastal Zone Canada Association and the Bay of Fundy Ecosystem Partnership. Current principal personal interest is in the development of a hobby farm/orchard in central New Brunswick.

## **Need a Car?**

**Do you need to  
rebuild your**

**CREDIT?**

**Let a CTech help you!**



**GOOD  
NEWS!**

**"My expertise is to assist you in the rebuilding of your credit through the use of a loan for a new, or used car, truck, mini van or SUV."**

**"Your inquiry will be confidential and my discretion is assured. My marketplace is all of Atlantic Canada."**

**"I have been a member of our association for over 33 years and involved in the automobile business as long."**

**"LET ME HELP YOU!"**

**Douglas Ellis, CTech**

**Special Finance Manager  
Atlantic Auto Liquidators**

**1-888-442-4744 tel**

**1-506-860-6433 fax**

**dellis@monctonchrysler.com**



## 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](mailto:nbscett@nbscett.nb.ca)**

**Thank you for your support.**



**"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](http://www.cten.ca) =**

### AtlanTECH

c/o NBSCETT-SttagN-B, 2-385 Wilsey Road  
Fredericton NB E3B 5N6

Tel: (506) 454-6124 Fax: (506) 452-7076

E-mail: [ed.leslie@nbscett.nb.ca](mailto:ed.leslie@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, PTech.

Annual professional association membership renewal fees are due 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, or are full time students, or, are permanently retired from the workforce, may apply for 80% reduction in dues, upon receipt of resumé / 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 at their earliest convenience to inform of any changes to their employment, or their contact information; or should they have any question / concern.**



## **B.I.D. Canada Ltd. is finding numerous energy projects in eastern Canada and U.S.**

*(B.I.D. is a large bulk material handling manufacturer based in Woodstock, NB. Since 1981, it has been serving eastern and central Canada and the Northeast U.S. with custom designed equipment for various industries)*

The largest recent B.I.D. project in energy was the coal handling facility in Point Tupper, Nova Scotia serving Nova Scotia Power. This system, which handles 3000 metric tonnes per hour of coal from overseas, is now fully operational with the installation of the unloading crane from E-Crane International. The conveying system, which B.I.D. designed and built, consists of an unloading hopper with an 8' wide belt feeder, a 500' dock conveyor and a 1700' transfer conveyor, both with 54" wide belts. The 1700' long conveyor is built on piers to cross the water to a shuttle conveyor on shore. The 500' shuttle conveyor, which runs back and forth within a 1000' gallery, is one of the largest in the world. It piles the coal in a 120000 metric tonne storage pile for use at the Point Tupper generating station and another Nova Scotia Power plant.

The consultant on this project was CBCL. Early in the Fall of 2005, B.I.D. is shipping four conveyors and a large chute system to Cianbro Corporation for their project in Schiller, New Hampshire. The owner will be Public Service of New Hampshire. The conveying system will store and transport bark and woodwaste to the new bark boiler at an existing coal fired generating station.

Additionally, B.I.D. is working this Fall on a bark conveying system for Stadacona's pulp mill in Quebec City. This system receives bark from the hog and delivers it to a dryer and then to the boiler via a series of belt conveyors, one screw conveyor and a bucket elevator. B.I.D. has also been awarded a turnkey sawdust storage system for StoraEnso in Port Hawkesbury, NS. This consists of designing the entire system including foundations, controls and installation. Subcontractors include AMEC, ICS-State and Laidig Systems.

This system will enable the mill to mix sawdust with their sludge for use as fuel. The equipment consists of almost every type of conveyor and a silo with a rotary screw reclaimer. This is B.I.D.'s largest turnkey project to date.

Additional projects awarded to B.I.D. include a bark reclaimer, transfer conveyor and feeder screws for Bowater in Thunder Bay, Ontario. Also, Dean-Oliver International has awarded B.I.D. the contract for the stationary conveyors at Premcor's Delaware oil refinery.



Premcor has recently become a subsidiary of Valero Oil, which is now the largest American oil refiner. This project will enable the refinery to put its fluidized coke by-product through a new pug mill and build a stockpile in a new storage building.

*Patrick Sullivan, CET  
VP, Sales Manager*



# 38 Years of Certified

New Brunswick Society of Certified Engineering Technicians and Technologists

*the Technology Professionals in New Brunswick*

Presidents Awards Banquet - Friday, April 28, 2006

Society Annual General Meeting - Saturday, April 29, 2006

at the Delta Hotel Fredericton, Woodstock Rd., Fredericton

# 38 Années

## October 2005

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

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

## November 2005

dim	lun	mar	mer	jeu	vend	sam
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

## December 2005

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

## January 2006

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## Février 2006

dim	lun	mar	mer	jeu	ven	sam
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

## March 2006

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

## Avril 2006

dim	lun	mar	mer	jeu	ven	sam
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

## May 2006

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			



# Success



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



Société des techniciens et des technologues agrées du génie du Nouveau-Brunswick

*Les spécialistes de la technologie  
au Nouveau-Brunswick*

# de Succès Agréé

2 - 385 Wilsey Road, Fredericton, New Brunswick E3B 5N6  
tel: (506) 454-6124 fax: (506) 452-7076 E-mail: [nbscett@nbscett.nb.ca](mailto:nbscett@nbscett.nb.ca)  
Web site: [www.nbscett.nb.ca](http://www.nbscett.nb.ca)

## Jun 2006

dim	lun	mar	mer	jeu	ven	sam
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

## July 2006

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

## Août 2006

dim	lun	mar	mer	jeu	ven	sam
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

## September 2006

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

## Octobre 2006

dim	lun	mar	mer	jeu	ven	sam
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

## November 2006

Sun	Mon	Tues	Wed	Thurs	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

National Technology Week  
is Oct. 29-Nov. 4

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 your help.

## Décembre 2006

dim	lun	mar	mer	jeu	ven	sam
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

la Semaine nationale de la technologie  
Visit National Technology Week  
<http://www.cctt.ca/NTW>

## President's Message



Summer is gone and another Christmas is fast approaching, I would like to take this opportunity to wish everyone a safe and happy holidays. We have a lot of work in front of us to continue to improve our association, and communications with you the member. We had a successful Christmas social this year and I was glad to meet some old and new member. Congratulations to the winners of our student member promotion Allan Boland who won the \$50 gift card and Hannah Pansy Klanderud who won the \$100 gift card. Our number of student members has tripled over the last year and we look forward to keeping our students involved in association activities. Thanks to those who supplied door prizes Cavendish Farms and Telus Communications.

A lot of work is being done right now on the national front, the national Directors and Executive Staff Officers from all the provincial associations with a national strategic plan to foster increased cohesion and cooperation among the constituent members and between the constituent members and the national Council. Everything from professional practice to membership to marketing and international relations was looked at. This will create the organizational structure needed to help coordinate the efforts of the all provincial associations and avoid unnecessary duplication and have everyone working together to improve our federation.

National Technology Week this year was October 30<sup>th</sup> to November 5<sup>th</sup>, again we made a visit to Holland College to speak with student about the importance of becoming certified. I want to thank Brian Fleming CET for an excellent talk and presentation to the students, we could not have done it without you. The visit to students each year is a very important step in getting out to meet with our future members and in helping our association become more recognized. I was able to attend CCTT annual general meeting as both your president and ESO. It was a very busy four days of meetings and presentations. I would also like to say congratulations to Stephen Gould, CET, on your election to Vice President of CCTT, we know you will continue to represent our members. Congratulation also to Lois Sterner, R.E.T., who was elected CCTT President, Lois was the CCTT Vice President; and is a member of ASET.

I would like to remind members who have the time that we are still looking for volunteers to sit on a student committee and if you are interested please give our office a call, we need the help. If you have any ideas that you think we might like or where you can see improvement is needed, please drop in or send us a letter. We can't fix something if we don't know it's broke.

I thank you for the opportunity to be able to serve you; and, Merry Christmas and Happy New Year.

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

## 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 fourteen (14) global disciplines of applied science and engineering technology training programs and certification. Participation in the national accreditation process by 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 an NBSCETT sponsored one-day training seminar.

**Review applications and accreditation by  
reviewing the CTAB information at [www.cctt.ca](http://www.cctt.ca)**



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

Please remember we need all members to notify the Society when they have changed anything in their profile situation --- either they have changed employers, changed offices, become retired, become unemployed, or most importantly changed residence or phone/fax numbers and e-addresses. 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.

**Details of the Professional Development Assurance (PDA) Program**

As of the last AGM, NBSCETT is the first Constituent Member (CM) of the Canadian Council of Technicians and Technologists (CCTT) to mandate Professional Development Assurance within the By-Laws. Details of the Program (see "Guidelines"), and the By-Law wording is found in the June 2005 AtlanTECH issue, as well as on our website ("Forms").

**NBSCETT begins national move to singular designations**

As of September 1st, the Society began awarding only two designations for certified status in New Brunswick. Newly certified members are granted either Certified Technician (CTech) which began in 1999, and now (PTech) Professional Technologist. The Applied Science Technologists and Technicians of British Columbia (ASTTBC) will next join this national direction in the new year, and other national federation (CCTT) associations will begin granting only PTech and CTech, as their regulations are changed.



**MARK YOUR CALENDARS NOW** The 38th Society AGM will be held at the Fredericton Delta, Friday and Saturday, April 28-29, 2006. The Friday evening Presidents Awards Banquet will feature the new members 'swearing in' ceremony, the Member Of The Year, and Presidents Award presentations, and will begin with the reception at 6:00pm. The Society's Members' **Annual Meeting is set for 10:00am Saturday, April 29, 2006.** Call the Society for Presidents Banquet seats/tables early.

The Society would like to be much more efficient with your membership dues; increased 'career expo' participation to grade school audiences; increases advocacy campaigns to government and industry; and efficient promotional costs. The AtlanTECH newsletter is now a "URL" notice to all members, letting you view/download at the website. If you have not yet sent your 'e-mail address' to the NBSCETT office, please do immediately. **Thank you for your consideration.**

Le bulletin AtlanTECH est 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; send us your E-address NOW! Thank you.***

Councillors for Society Districts - NorthEast and NorthWest are needed ofr the next two Council year term, and nominations are open to all certified members. Call the office for nomination details.

Your professional association's Certification Board is in constant need of certified members, representing all 14 global disciplines, to participate in the adjudication of membership application files. If you are a five year or more certified member, and would like to participate on the Certification Board, participation criteria details are available by contacting the Registrar's office.

Accreditation Team Members and Team Chair training needs certified technologists NOW; please call the office to register for Accredittion review training session in Spring 2006.

All certified members are urged to read the article by Society's legal counsel, Mr. Fred McElman, regarding your work reponsibility and jeopardies of liabilities in the workplace, in the June 2005 AtlanTECH (at [www.nbscett.nb.ca](http://www.nbscett.nb.ca), link "AtlanTECH"). Also, check out your liability insurance opportunities available from Cain Insurance, Prospect Street, Fredericton (see page )

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'**.



## **ACETTPEI Membership dues**

Notice to ACETTPEI members that dues will be increasing effective January 1, 2006. This increase was approved at the April 2005 Annual General Meeting (AGM). The dues and application fees for 2006 are:

Certified Member .....\$140  
Associate member.....\$90  
Retired member.....\$20  
Student member.....\$10  
Honorary member.....free  
Application fee (set by Council).....\$50

## **ACETTPEI Salary Survey**

Have you completed your 2005 salary survey?

Only a small percentage of people have returned a completed salary survey; we would like to get more to get a better result when we crunch the numbers.

If you have not taken the time to fill out a salary survey please do. If you did not receive a survey, please email or phone our office and we'll send one out to you.

Thanks to those who completed and returned their surveys.

## **ACETTPEI Council Nominations**

Nominations are now being received for the 2006 Council.

The Council consists of the President, Vice President, Past President and a minimum of four Councilors. Any ACETTPEI certified member in good standing is eligible to have their name put forward for election. Additional information can be found in your copy of our By-Laws, or give our office a call, we'd love to hear from you.

Nominations can be made in writing to the ACETTPEI office to the attention of Past President, Ross Barnes, C.E.T..

## **ACETTPEI member elected CCTT Vice President.**

ACETTPEI national Director Stephen Gould, C.E.T., was elected Vice President of the Canadian Technicians and Technologist (CCTT) at the Annual General meeting, in Winnipeg, Saturday November 5<sup>th</sup>. Stephen has been a national Director of ACETTPEI for the past 6 years; and, a valuable member of our Council for the past 10 years. Lois Sterner, R.E.T., was elected CCTT President, Lois is a member of ASET, Congratulations to you both and we wish you well in your elected positions.

**At Scenic View Golf Course it was a sunny day for the Kennebecasis Dart Golf Tournament on July 9, 2005.**

**I was on the 8<sup>th</sup> hole**, 123 yards, and I took out a soft 6 iron. I took a half swing and the ball was up in the air towards the right bank for a bounce on the green. There were players on the 9<sup>th</sup> giving me a thumbs up, which I had assumed was because I had landed next to the hole. As my golf partner and I proceeded to the green, we didn't see my ball on the green. The other players from the ninth hole had walked over to our green and I yelled to them, "Where is my ball?" They replied with big smiles, "It's in the hole." I was elated; but later at the club house, I ended up buying everyone else a drink for my success on the golf course?; and there were about 38 people present. It was expensive, but hey, this will probably not happen again? *Jim Nyers, PTech*



## **Dalhousie University Continuing Technical Education Upcoming Professional Development Courses**

**HVAC Design, Balancing & Selection** - Feb 22 - 24, 2006  
Saint John, NB 5062

Go to [http://www.cte.dal.ca/course\\_detail.php?id=5062](http://www.cte.dal.ca/course_detail.php?id=5062) for info.

**Industrial Ventilation Design** - Mar 9 - 10, 2006  
Halifax, NS 5063

Go to [http://www.cte.dal.ca/course\\_detail.php?id=5063](http://www.cte.dal.ca/course_detail.php?id=5063) for info.

### **Modern Concrete Materials & Practices:**

**Advances, Myths & Realities** Feb 22 - 23, 2006  
Fredericton, NS 5074

Go to [http://www.cte.dal.ca/course\\_detail.php?id=5074](http://www.cte.dal.ca/course_detail.php?id=5074) for info.

**Modern Concrete Materials & Practices: Advances, Myths & Realities** Feb 20 - 21, 2006  
Halifax, NS 5075

Go to [http://www.cte.dal.ca/course\\_detail.php?id=5075](http://www.cte.dal.ca/course_detail.php?id=5075) for info.

**Structural Design for Non-Structural Engineers**  
Mar 27 - 30, 2006 Halifax, NS 5079

Go to [http://www.cte.dal.ca/course\\_detail.php?id=5079](http://www.cte.dal.ca/course_detail.php?id=5079) for info.

*For more information on Dalhousie University,  
Continuing Technical Education*

visit our homepage <http://www.cte.dal.ca>



## Lessons from Geese:

Geese flying in a V-formation have always been a welcome sign of spring as well as a sign that heralds the coming of winter. Not only is this a marvelous sight, but there are some remarkable lessons that we can learn from the flight of the geese, because all that they do has significance-1. As each goose flaps its wings, it creates an uplift for others behind it. There is 71% more flying range in V-formation than in flying alone.

*Lesson: people who share a common direction and sense of purpose can get there more quickly.*

2. Whenever a goose flies out of formation, it feels drag and tries to get back into position.

*Lesson: it's harder to do something alone than together.*

3. When the lead goose gets tired, it rotates back into formation and another goose flies at the head.

*Lesson: Shared leadership and interdependence gives us each a chance to lead as well as an opportunity to rest.*

4. The geese flying in the rear of the formation honk to encourage those up front to keep up their speed.

*Lesson: Encouragement is motivating. We need to make sure our "honking" is encouraging - and not discouraging.*

5. When a goose gets sick or wounded and falls. Two geese fall out and stay with it until it revives or dies. Then they catch up or join another flock.

*Lesson: We may all need help from time to time. We should stand by our colleagues in difficult times.*

- Anglese Arrien

### Dalhousie University

#### Continuing Technical Education

#### **Upcoming Professional Development Courses**

Modern Concrete Materials & Practices: Advances, Myths &

Realities Feb 22 - 23, 2006 = Fredericton, NS 5074

Go to [http://www.cte.dal.ca/course\\_detail.php?id=5074](http://www.cte.dal.ca/course_detail.php?id=5074) for info.

Modern Concrete Materials & Practices: Advances, Myths &

Realities Feb 20 - 21, 2006 = Halifax, NS 5075

Go to [http://www.cte.dal.ca/course\\_detail.php?id=5075](http://www.cte.dal.ca/course_detail.php?id=5075) for info.

Structural Design for Non-Structural Engineers Mar 27 - 30, 2006

Halifax, NS 5079 =

Go to [http://www.cte.dal.ca/course\\_detail.php?id=5079](http://www.cte.dal.ca/course_detail.php?id=5079) for info.

Modern Concrete Materials & Practices: Advances, Myths &

Realities Feb 22 - 23, 2006 = Fredericton, NS 5074

Go to [http://www.cte.dal.ca/course\\_detail.php?id=5074](http://www.cte.dal.ca/course_detail.php?id=5074) for info.

Modern Concrete Materials & Practices: Advances, Myths &

Realities Feb 20 - 21, 2006 = Halifax, NS 5075

Go to [http://www.cte.dal.ca/course\\_detail.php?id=5075](http://www.cte.dal.ca/course_detail.php?id=5075) for info.

Structural Design for Non-Structural Engineers Mar 27 - 30, 2006

Halifax, NS 5079 =

Go to [http://www.cte.dal.ca/course\\_detail.php?id=5079](http://www.cte.dal.ca/course_detail.php?id=5079) for info.

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

## National Technology Week Design Contest Winners Announced

### *New Brunswick Sweep Sees Students take all Three Prizes*

**The Canadian Council of Technicians & Technologists (CCTT) and the National Council of Deans of Technology (NCDoT) have announced the three winners of the 2005 National Technology Week Design Contest.**

As part of National Technology Week, October 31-November 5, 2005, students from across Canada were invited to submit concepts for posters and "Coats of Arms for Canada's TechFuture". Over 25 submissions were received and three winners were selected at the CCTT-AGM, November 5, 2005.

**Winners will receive scholarships in the form of RESPs for future education**, courtesy of the National Council of the Deans of Technology, **as well as MP3 players** to the first, second and third place finishers, courtesy of CCTT.

The National Technology Week Steering Committee reviewed all submissions and recommended ten finalists to be judged by the CCTT-Directors Board.

#### **1<sup>st</sup> place: Tori Gillan**

Grade 8 student, River Valley Middle School  
Grand Bay/Westfield, NB

#### **2<sup>nd</sup> place: Megan McDonald**

Grade 8 student, Harry Miller Middle School  
Quispamsis, NB

#### **3<sup>rd</sup> place: Xiaoqui Zhu**

Grade 8 student, Albert Street Middle School  
Fredericton, NB

**National Technology Week** is held annually during the first week of November, offering a host of interactive and fun resources to help students, teachers and parents explore the 14 different fields in which certified technicians and technologists excel. The National Design Contest was part of a 10-point plan established to bring National Technology Week activities to interested students, teachers, parents, guidance counselors and technicians and technologists at all levels across Canada. Over the week of October 31-November 5, activities were held in every province, at schools, colleges and businesses where there was interest.

This article was prepared prior  
to the Government decision of September 2005  
**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.

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*

The **NBSCETT Bursary** of \$250., to a deserving student in a nationally accredited program at the NBCC- Saint John, was presented this fall to **Brian White**, Chemical Engineering Technology (*at right in photo*), by the Society's Vice President, **David Sheaves, CET**, of IP&P.



## **CNIB's 2006 Lottery Calendar is out!**

The Calendar features the artwork of New Brunswick artists who are living with a disability.

The **total prize allotment** exceeds **\$15,000**.

If you purchase a Calendar you will have the chance to WIN MORE THAN ONCE every business day of the week!

The Calendars are \$25.00 each with all proceeds going towards CNIB's rehabilitation services in New Brunswick, which are offered to our clients at no charge.

Two **early bird draws** are set for **December 21 and 22, 2005** at **\$500.00 each! To be eligible for these two draws you must buy your calendar before December 14, 2005.**

Don't wait. Get your calendar today and tell your friends. These Lottery Calendars make a wonderful Christmas gift.

Calendars can be purchased at following locations:

Gallery 78  
CNIB Office Fredericton  
Mazzucca's Variety  
Reid's United Newsstand  
UNB Bookstore

For more information please contact:  
CNIB Fredericton at (506) 458 - 0060 or simply dial  
1 - 800 - 270 - 2642

Thank you for supporting the CNIB.

We are looking for volunteers!

Would you like to sell our beautiful calendars?

Call us today at 1-800-270-2642!!!

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.

Information / registration form: NBSCETT / SttagN-B Tel: 454-6124 e-mail: [nbscett@nbscett.nb.ca](mailto:nbscett@nbscett.nb.ca)

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.

# Best Wishes for the New Year



Registrar  
Ken Brown,  
PTech,  
and Assistant  
Registrar, Ron  
LeBlanc,  
PTech.

Executive  
Assistant  
Jennifer  
Doucette,  
and Admin-  
istrative  
Assistant  
Sabrina  
Pineau.



**2005-'06 Council** (left to right)

Jeremy Reid, CET-Saint John Councillor; Barry Jones, PhD-Public Councillor; Bruce Forbes, CET and Steven Barton, PTech-Fredericton Councillors; Don Belanger, PTech-North West Councillor; Jason Godfrey, PTech, and Ken Geldart, PTech-Moncton Councillors; E. James Nyers, PTech- President; Roger J. Poitras, PTech-Past President & CCTT Director; Peter Pinette, CET-Saint John Councillor; and, North District Councillor Kevin Chamberlain, PTech.

Not present: David Sheaves, CET-Saint John Councillor; Paul Miller, CET-East District Councillor; President Elect Tim Scammell, CET.



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 #: \_\_\_\_\_  
date: \_\_\_\_\_

## **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](mailto:Info@peiscet.pe.ca)

## **ACETTPEI Merchandise**



During the September 13, 2005 official "Refurbishment Project Kickoff" celebration at Point Lepreau Generating Station, the winner of the project logo and slogan contest was announced. **Eric Boucher submitted the winning slogan "Powering the Future".**

(in photo left to right) **Premier Bernard Lord, NB Power President/ CEO David Hay, and V. June Connell CET, Operational Safety and Licensing Specialist are shown flanking the winning logo in the picture.**

The next opportunity for public participation is the renewal of the Power Reactor Operating Licence for the Point Lepreau Generating Station. The Canadian Nuclear Safety Commission (CNSC) will schedule Public Hearing dates in the spring of 2006 where Interveners are invited to comment and participate, either with written or oral presentations. The Hearings are scheduled over two days. At the Day 1 Hearing CNSC staff and NB Power Nuclear staff present the licensing basis and the operational history of the station to the Commission. At the Day 2 Hearing, Interveners present their comments and information to the Commission, either in written or oral presentations. The Commission offers participation via voice or video conferencing.

For more information on how to participate in CNSC Hearings and Meeting please go the CNSC web page. (<http://www.nuclearsafety.gc.ca/eng/commission/>)

As the Operational Safety and Licensing Specialist for the Point Lepreau Generating Station, June Connell, CET, will be busy preparing the licence application and presentation materials for the upcoming CNSC Hearings





## *An affinity for service*

Home and auto insurance for members of the New Brunswick Society of Certified Engineering Technicians and Technologists

### Preferred group rates and exceptional service

Insurance program especially for



New Brunswick  
Society of Certified  
Engineering Technicians  
and Technologists

Request a quote  
and you could **WIN**  
a Mercedes-Benz SLK350  
Roadster\*!



Our home and auto insurance clients are automatically entered.

**TD** **Meloche Monnex**  
Insurance for professionals and alumni

*An affinity for service*

As a member of the New Brunswick Society of Certified Engineering Technicians and Technologists, you are entitled to our red carpet treatment, with **exceptional service** and **preferred group rates**<sup>†</sup> for your home and auto insurance. Take advantage of your privileged status today!

**Contact us today and benefit from preferred group rates:**

**1 888 589 5656**  
**[melochemonnex.com/nbscett](http://melochemonnex.com/nbscett)**



<sup>†</sup>Group auto insurance rates are not applicable in Newfoundland and Prince Edward Island. Due to provincial legislation, our auto insurance program is not offered in British Columbia, Manitoba or Saskatchewan. **The home and auto insurance program is underwritten by Security National Insurance Company.**

\***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 prize is \$64,500. The contest runs from January 1 to December 31, 2005. In order to win, the entrant, selected at random, must correctly answer a mathematical skill-testing question. For more details on the contest, see the complete rules at [melochemonnex.com/nbscett](http://melochemonnex.com/nbscett).