



# Go Nuke!

A newsletter from the North American Young Generation in Nuclear

May 2006

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## Introducing the New Core Members

Thank you for your vote of confidence as I make the transition from Professional Development Chair to your new Vice President! I know Ryan will do an excellent job as the new PD chair. I'm excited to continue with the NA-YGN Core as we, young professionals of this ever-so dynamic industry, are tasked with an even greater need to be visionaries, enthusiasts and advocates of our careers and the nuclear industry in its entirety. I welcome the opportunity to spread the passion for nuclear and hope that you will join me in this mission!



**Amy Buu**  
Vice-President



**Ryan Stone**  
Professional Development  
Chair

Thank you for electing me as your next Professional Development chair. As I think about what I'd like to accomplish during the next couple of years, it's clear to me that my role is to facilitate furthering your specific professional growth interests. Thus, my top priority in preparation for our May meeting will be developing a survey to ensure my efforts are focused on the right things - what you want and how NA-YGN can help you achieve your professional development goals. In the meantime, if anyone is interested in serving on the professional development committee, please let me know.

I would like to thank all of you for electing me to the position of NAYGN core treasurer. I can't wait to get started in this new role. My goals for the year include: developing the NAYGN core budget, assisting the core with planning and decision making, and supporting the upcoming NAYGN events. I look forward to meeting many of you at the National Conference in May, and working with all of you in the future. I am currently seeking volunteers to form a finance committee for the NAYGN. If you are interested, please contact the core.



**Mark Dirado**  
Treasurer

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## President's Corner

### A Year of Growth: Pain and Gain

By Lisa Stiles-Shell

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It's amazing to realize that my term as president of NA-YGN is almost over. It was a whirlwind year. NA-YGN continues to grow rapidly as the nuclear industry moves closer to a true renaissance. Consider that in less than a year we have added 600 members and 7 new chapters!

With such growth came tremendous opportunity and, as the officers can tell you, tremendous stress. One of the growing pains we experienced is the realization that the ten officers are not superheroes! The core cannot possibly achieve all of NA-YGN's goals on its own. Moreover, we needed to "fill the pipeline" with future leaders of the organization. So we were determined to solicit volunteers for our committees and make effective use of them. Thank you to all those who have joined and participated in the Program, Communications, and Public Information committees. Without your work, many of the successes we experienced this year would not have been possible.



**Young professionals network at the 2005 NA-YGN workshop**

Undoubtedly, our most visible and successful endeavors were the meetings that we hosted or organized. We exceeded our former NA-YGN Workshop attendance record in 2005 with over 140 participants. The speakers were of the highest caliber and we staged the first ever NA-YGN visit to Capitol Hill. Amy Buu, the other officers, and the Program Committee are working hard on the 2006 version. If you liked last year's workshop, this one will be even better!

Furthermore, we co-hosted the inaugural ANS Young Professionals' Congress in November. This cooperative event and the formation of the ANS Young Members Group was the result of more than a year of negotiations between ANS and NA-YGN that

laid the foundation for a collaborative working relationship.

In Canada, NA-YGN hosted its largest CNS conference session ever last June. This condensed professional development workshop attracted over 90 participants and stimulated discussion between young professionals and their more experienced colleagues.

Finally, NA-YGN, together with our European counterparts, was a visible participant at the UN Climate Change Conference late last year. We were the face and voice of the global nuclear industry that is becoming difficult to ignore as an agent to combat climate change.

In addition to these large-scale events, I am delighted with the work our local sections are doing. From sponsoring sciences fairs and science teachers' workshops, to organizing inter-section social events, local public information campaigns, and events to encourage students to consider careers in nuclear science and technology, our members are finding new and creative ways to advance NA-YGN's goals.

But as always, there is room to improve. We want to get more of our members involved in committees, to build collaborative relationships with other technical societies, to be a key voice in the nuclear renaissance, and to strive to meet the needs of our members and our local sections. I'm confident that the incoming officers will make strides to accomplish these goals.

In closing, I'd like to say that it has been an honor serving you as president. Thanks for making it a memorable year. And to the core officers, thank you so much for your energy, ideas, wisdom, and dedication. NA-YGN would not be what it is today without your talent and passion.

## Art at the National Atomic Museum

By: Sama Bilbao y León and Jim Walther

The NA-YGN Annual Nuclear Science and Technology (NS&T) Drawing Contest was piloted in May 2000, and has been held annually ever since. The idea was to use the contest as a bona-fide educational opportunity to talk to elementary school students and their teachers about the benefits of NS&T in their everyday lives. This vision required nuclear professionals to make a presentation to 4th and 5th grade classrooms and then solicit drawings about the material presented to the students. The NA-YGN Annual NS&T Drawing Contest is a great success by at least two metrics. First, in less than six years it has grown to become a substantial event with broad participation. During the first seven editions of the contest NA-YGN members have collected more than 4,000 drawings from all over North America. Second, and more importantly, however, is the fact that many of the drawings demonstrate a true understanding of both the breadth of NS&T applications and their impact on our society.

Even though all the drawings collected throughout North America were exhibited every year at the ANS Winter Meeting and the winning drawings were selected by the meeting attendees, afterwards they were stored in boxes and forgotten. After organizing six editions of the NA-YGN Annual NS&T Drawing Contest, Sama knew that there had to be a better place for all those creative drawings than a dusty corner of her attic. That was when Sama contacted Jim Walther, director of the National Atomic Museum, and proposed donating the annual winners to the Museum's permanent collection. Jim was thrilled about the idea, and suggested to put together a special exhibit with all the winners and a bunch of the best drawings at the Museum.

The result of this collaboration between NA-YGN and the National Atomic Museum is the exhibit **“Drawing on Nuclear Science”** that opened on January 28, 2006 and can be visited until June 2006. This is a great way to showcase the individual creative efforts of the nation's children. Many of the drawings truly demonstrate an understanding of the concepts of nuclear energy the children have absorbed and learned. The mission of the Museum is deeply rooted in education of youth through its many programs and services and this is a chance to actually exhibit resulting interactions.

The museum has many programs that reach children with science and energy topics. The Up N' Atom mobile Outreach van travels around new Mexico bringing science, history, mathematics, physics and fun to school students in

rural areas. Each summer the museum presents “Science is Everywhere” Summer Camp to kids ages 8-12. This camp is recognized for a strong commitment to safe and structured summertime learning and fun for kids. School students and their teachers enjoy “Learning Adventures” during a field trip to the museum. Each visit is packed with challenges that are aligned with state and national curricula guidelines and can include topics like “Powerup; Nuclear Generation”, “Nuclear Medicine and Medical Quackery”, “Men and Women of Physics”, “Radiation Around Us” and more. This year the museum is planning a new exhibit called “Li'l Albert's Lab” which will help children understand physics and energy. If you would like to help us with this, we are seeking corporate sponsors for this exciting project.



The National Atomic Museum is America's only congressionally chartered national nuclear science center and is a national resource for people that want to learn about nuclear science and history. The museum was founded in 1969 and is set to move to a new museum building in 2008 and change its

name to become **The National Museum of Nuclear Science & History**. The museum is an affiliate institution of the Smithsonian. If you would like to help the museum reach the goal of a new center, you can become a museum member or a sponsor of many new exhibits, programs or areas in the national museum. Information about the museum can be found at [www.atomicmuseum.com](http://www.atomicmuseum.com) or [www.atomiceducation.org](http://www.atomiceducation.org)

If you and your local section want to participate in the next edition of the Annual NA-YGN Drawing Contest, visit the NA-YGN Web site ([www.na-ygn.org/pi/drawingcontest/](http://www.na-ygn.org/pi/drawingcontest/)) or contact [pi@na-ygn.org](mailto:pi@na-ygn.org) for available support. NA-YGN provides a digital presentation, including speaker notes, as well as introduction letters to be addressed to the teachers and school principals. This is a great effort to help you jump start your local section's public outreach activities.

**Editor: Peter Caracappa**

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Julio Manni**

# The Canada Report

By: Brent Williams

The Canadian Nuclear industry, and NA-YGN in Canada, have had a very busy couple of months!

Refurbishments are underway in New Brunswick (Point Lepreau) and Ontario (Bruce Units 1 and 2).

The Ontario Government has commissioned a report on how the province's power needs should be met into the future. The Ontario Power Authority Report is due for publication in mid-April; the initial draft recommended nuclear continue to supply more than 50% of Ontario's power. A number of public consultations were held; NA-YGN members presented at two of the sessions.

Becky Ferris and I represented YG interests at the Canada – UK Nuclear Skills Seminar on March 6&7, 2006. The conference was designed to identify areas for collaboration between Canada and the UK in evaluating reactor designs, R&D, and building a stronger pool of nuclear engineering knowledge to support the industry into the future. The shortage of skilled trades in Canada and the UK was also identified as a key issue. Becky is the Chair of the British Nuclear Energy Society – Young Generation (BNES-YG) organization.

On the evening of March 6, the conference hosted a reception where NA-YGN was represented by three of the Canadian chapter chairs. We had a great time chatting with Ontario Energy Minister Donna Caufield, as well as other senior energy industry representatives from the UK and Canada.



**Canadian NA-YGN members chat with senior representatives of the UK and Canadian**

Governments and Nuclear Power industries and the UK-Canada Nuclear Skills Seminar Reception in Toronto on March 6. From left to right: Consul General Director for Trade and Investment Canada Nicholas Armour, OPG NA-YGN Branch Chair Andrew Daley, NSS Branch Chair Yung Hoang, Bruce Power Chief Engineer Ken Ellis, British High Commissioner David Reddaway, NA-YGN Canadian Affairs Chair Brent Williams, and Bruce Power NA-YGN Branch Chair Bob Phillip.

## NA-YGN Fact of the Quarter

- 125,800 Canadians are employed by utilities. Women make up 32,300 of this number.

# Election Results

## Welcome new core members!!

The 2006 NA-YGN election was a rousing success.

Thank you to all of our exceptional candidates and to all of our active members who took the time to review the nominees and to place their votes. 2006 marks the first *fully contested* election – in which all offices had multiple candidates – and marks the best voter turnout in NA-YGN history.

While we are excited to have "new blood" joining the ranks of the NA-YGN core, we are also sorry to see some of our devoted officers moving on.

## Outgoing Core Members

Past President	Shannon Bragg-Sitton
Treasurer	Anne Shatara-West

## 2006-2007 NA-YGN Core

Past President	Lisa Stiles-Shell
President	David Pointer
Vice President	Amy Buu
Treasurer	Mark DiRado
Communications	Elizabeth McAndrew
Professional Development	Ryan Stone
Public Information	Mike Stuart
US Affairs	Duncan Robinson
Canadian Affairs	Brent Williams
Mexican Affairs	Armando Gomez Torres

## 2006 NA-YGN

[www.na-ygn.org/pd](http://www.na-ygn.org/pd)

The 2006 NA-YGN PD Conference will take place from May 16-17, 2006 at the Fairmont Hotel in San Francisco, CA. Registration for the conference can take place on the NEI website and all participants are responsible for making their own hotel reservations.

[register.nei.org/public/yg06registrationform.asp](http://register.nei.org/public/yg06registrationform.asp)

## Mexican NA-YGN Professional Development Conference

A NA-YGN Professional Development Session will take place in conjunction with the XVII Annual SNM Congress in Acapulco, Mexico.

For More information contact:

<mailto:gomeztorres@na-ygn.org>

## IYNC 2006

[www.iync.org](http://www.iync.org)

The 2006 International Youth Nuclear Congress will be held June 18-23, 2006 in Stockholm, Sweden. The Technical Programme of the Congress consists of four scientific tracks with technical presentations, keynote speakers, panel sessions and workshops.

Registration: Open Now!

## Canadian NA-YGN Professional Development Conference

We're excited to announce an opportunity for all of our Canadian members to participate in a Professional Development Conference taking place in Canada. Preliminary sessions include a local chapter update session, conflict resolution, Chernobyl 20 Years Later, and more.

For more information go to [www.canada.org](http://www.canada.org)

**June 11, 2006  
Toronto, Canada**

# Local Chapter Updates!

## Diablo Canyon

Diablo Canyon is one step closer to replacing its steam generators, thanks to an overwhelmingly supportive public turnout at the San Luis Obispo County Board of Supervisors meeting on March 7, 2006. After several hours of public comment following an overview of Diablo Canyon's Steam Generator Replacement Project (SGRP) by PG&E Vice President of Nuclear Services and DCPN YGN executive sponsor Donna Jacobs, the Supervisors voted 4-1 in favor of issuing PG&E the two permits needed to support the project.

Specifically, PG&E requested a coastal development permit that would allow the company to build temporary structures in a parking lot for SGRP personnel and equipment. The other request was a coastal use permit to allow building a structure that would house the retired steam generators until plant decommissioning.

Among the Diablo Canyon supporters present at the meeting were local business leaders, local government officials, union representatives, and of course, Diablo Canyon's local NA-YGN chapter. Specifically, DCPN YGN members Shane Guess, David Beals, Steven Zawalick, and Jeremy Cobbs who each spoke in favor of the project by emphasizing Diablo Canyon's record of safety and social responsibility.

Prior to this Board of Supervisors meeting, a hearing was held by the County Planning Commission where the topic was heavily debated (the

meeting lasted 11 hours). The Planning Commission voted 3-1 to deny the project after 9 votes of 2-2 (one member recused herself from the vote because of a potential conflict of interest). Following this, PG&E filed an appeal to the Board of Supervisors. At the appeal, the project was described to the Supervisors by the staff, who recommended upholding the appeal with a few conditions.

This was the first public meeting that we attended and we've come to realize that California has a very vocal minority opposed to nuclear power. Many businesses in the area, local unions, and the chambers of commerce in San Luis Obispo County recognize the positive economic impact of Diablo Canyon in the community, as well as its commitment to safe, and non-greenhouse gas emitting source of electricity.

Despite our attempts to educate the public, we may never influence the anti-nuclear crowd. However, to use the analogy of a presidential election, it's the swing voters that we hope to reach in our efforts. Giving these individuals who are undecided about the future of nuclear power the opportunity to see and hear young, enthusiastic, responsible individuals committed to safety, the environment, and the community is invaluable to the public perception of nuclear power.

The decision to approve the appeal by the County Supervisors was a huge step forward for the project. One of the Board members, who has mentioned very openly that she is opposed to nuclear power, voted in

favor of the project as she saw no legal grounds to vote "no." However, the next challenge will be to prepare for the appeal of this decision before the California Coastal Commission.

Nuclear power is alive and kicking...even in California!

## Farley



On March 21, Farley Nuclear Plant North American Young Generation in Nuclear (NA-YGN) held a Kickoff Meeting at the Wiregrass Museum of Art. Employees of Farley Nuclear Plant were invited to the after-work social to get to know one another. Dothan, Alabama Mayor Pat Thomas spoke on leadership in the community. Also Todd Youngblood, Assistant General Manager – Support, and Steve Chesnut, engineering support manager, gave brief speeches on management support and the importance of the group to not only the plant but the surrounding area. A professional development breakfast was held April 4. Plant Manager Randy Johnson spoke with pre-outage safety as the focus of the meeting. Recently, the Farley chapter has experienced resurgence. Renewed interest in the group has increased membership.

# Go Snoop!

**Ava Celia Karen Reid was born on January 21, 2006 to Simon and Jenn Reid.**

**Simon Reid is a NA-YGN member from Cameco.**



**Congratulation to Chris Comfort of Southern Nuclear on his promotion to Supervisor of Vogtle Core Analysis.**

**Amy Cordner, Mike Saul, Brittan Foster, and Elizabeth McAndrew will begin Initial Senior Reactor Operator License Class on April 3, 2006 at Calvert Cliffs Nuclear Power Plant.**



**Ben Everswick of Fort Calhoun Elementary receives an award for his entry into the Seventh Annual NA-YGN drawing contest**



**John Singleton and Colleen Nawrocki were married on March 11, 2006.**

**John Singleton was the initiating Secretary of the Calvert Cliffs Local Chapter.**

## Core Responds!

To Whom it May Concern,

The Duke Chapter is having some shirts made for an event and we would like to use the NA-YGN logo. I could not find a clear picture of the logo on the website. Is there a way I could get a picture of the logo without the green background? If it would be easiest just email me the picture as a .jpg attachment.

Thank you,

Adam W. Strange  
Duke Power

If your company wants to make special items for their NA-YGN members we're all for it! All of the Core members have access to the NA-YGN logo in different resolutions. All you need to do is ask! Don't forget that you can always order your NA-YGN clothing from Café Press at [www.cafepress.com/naygn](http://www.cafepress.com/naygn). This is an easy way to purchase NA-YGN items and all of the profits benefits NA-YGN activities!

Have a wonderful day,  
Elizabeth McAndrew  
Communication Chair

# EVENTS

## National and International Events

**May 16-17, 2006** NA-YGN Annual Workshop San Francisco, CA [www.na-ygn.org/pd](http://www.na-ygn.org/pd)

**May 30 – June 1, 2006** WIN Global Meeting Waterloo, Ontario [www.win-2006.org/Win](http://www.win-2006.org/Win)

**June 4-8, 2006** ANS Annual Meeting Reno, NV [www.ans.org](http://www.ans.org)

**June 11, 2006** Canadian NA-YGN Professional Development Conference Toronto, Canada

**June 18-23, 2006** 2006 International Young Nuclear Congress Stockholm, Sweden [www.iync.org](http://www.iync.org)

**June 25-29, 2006** 51th Annual HPS Annual Meeting. Providence. RI. [www.hps.org](http://www.hps.org)

**September 3-8, 2006** XVII Annual SNM Congress, Acapulco, Mexico



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