Go Nuke!

A North American Young Generation in Nuclear Newsletter Fall 2011

Presidents Corner- Duncan Robinson, NA-YGN President

One of my first leadership experiences in NA-YGN was as the chapter lead for the Pittsburgh Chapter. At the time, the chapter had hosted a number of consecutive events with little or no turn out. People were losing interest and it seemed like the chapter was stagnating. Thanks to a great team of officers, we slowly started to pull together a string of successful activities and were able to build enough momentum to turn things around. When the Pittsburgh chapter won the Best Chapter Award in 2010, I had long since left, but still felt a great sense of pride and accomplishment for the strong chapter that they had become. That experience has colored my view of many things in NA-YGN and helped set me on the path of starting the Chapter Health and Diversity Initiative. I am already proud of this team, though we still have a long way to go.

The team has spent time analyzing scenarios that can cause chapters to struggle. In our last few meetings, we have started to brainstorm potential solutions. This process, has reinforced just how much we can learn from each other when we open our minds and listen. The team expects to have developed solution paths for all the issues by the end of 2011. The remainder of my term will be used to polish these ideas into useable tools to help struggling chapters. One of the most prominent things that came to our attention is the need to strengthen the communication lines between the Core and the local chapters. Our members can expect to see an increased effort from the Core to learn about your chapter; both your successes and challenges.

We are also in the data analysis stage of another part of this initiative that focuses on diversity. We have learned that people working in Engineering comprise ~63% of the membership, while the next highest percentage is Operations at ~5%. While this varies from company to company, the profile generally remains consistent. I have spent much of my career as an engineer and I am glad that this organization has done a good job of supporting the needs of engineers. However, nuclear science and technology covers a vast array of careers. Craftspeople, skilled trades, human resources, finance, maintenance, researchers, and many more are critical to the success of the nuclear industry. NA-YGN is focused on providing valuable experiences to the entirety of this developing workforce. We have a lot to learn from our existing membership. Imagine what we can learn by engaging everyone who cares about the success of nuclear. While I remain impressed by the progress we have made; I know we can always do better. I hope you will join us in making this an organization that is valued across the industry. The Chapter Health and Diversity Initiative is just a first step, but it is a step in the right direction.

Canada Wins First International Nuclear Energy Olympiad

Andrea Emanuel

Getting university students around the world to research and develop a plan for improving public acceptance of nuclear energy in their countries. This was the main idea of the First International Nuclear Olympiad, a competition held in South Korea in September.

Two Canadian students got to the point with their report on the demographics of public support in Canada. First-place winners Alex Wolf and James Harrington explained that they found that publicity campaigns should provide information to specific groups and focus on fighting "half truths", thus targeting the undecided majority of the population.

"They get caught in the crossfire between those who support and those who oppose strongly," said Wolf, in the roundtable interview after the award ceremony. "Their questions are left unaddressed." All the participants were university students (who represent the future of the nuclear energy) at undergraduate or postgraduate levels in countries that are preparing for the use or expansion of nuclear energy. "We try to focus on talking to those people who haven't made up their minds already," Harrington added. According to the World Nuclear University (WNU), the organization that put this competition together, public acceptance is a key challenge for any nation introducing or expanding nuclear power plant facilities, especially after the recent Fukushima events.

A total of 35 teams (70 participants) from 22 countries applied to the Olympiad. The selection of participants was done by Korea Nuclear Energy Promotion Agency (KONEPA) and WNU Coordinating Center in London. The level of the projects, according to an article from World Nuclear News, was extremely high "making it hard to select only ten teams." Apart from the winners (Canadians), the other nine teams were from: India, Japan, Korea, Malasia, Mongolia, Romania, Russia, Turkey and USA. The students submitted their material by September 10, 2011 and the Olympiad was held the last week of September (from 26 to 30).

2011 INTERNATIONAL NUCLEAR ENERGY OLYMPIAD

KONEPA prepared invitation letters for Korean visas and supported the cost of participation including travel expenses to and from Korea, food and lodging. Participants presented their projects in Seoul to an International Jury, led by WNA's Director of Communication – Ian Hore-Lacy. The jury evaluated each team's paper and presentation and agreed on a ranking and prize. The paper and presentation were equally weighted in the overall evaluation.

The second prize was awarded to two teams. Korean students Jeon Ji-hye and Lee Kyoung-hwan found local public opinion largely influenced by the news: they presented their country's winning the U.A.E. nuclear contract as a positive influence and the Fukushima disaster exposure this year pushing it the opposite way. Turks Ceyda Mine Polat and Berkin Turkiz Pinarbasi, who also took second prize, found that "neither supporters nor critics had enough information to make a fair judgment".

Three teams (Malaysia, Russia and India) also presented important points for promotion and were awarded with the third prize. Nitendra Singh and Sunil Kumar (India) discovered that public meetings are useful for nuclear promotion but the students expressed their wish to be more involved in decision-making. Yulia Belova and Victoria Sannikova (Russia) also found the public worried about transparency of information and called for inviting independent scholars to confirm Russia's security standards. The students participated on the Award ceremony, attended lectures on the future of nuclear and toured a Korean Nuclear facility during the event.

Materials prepared by competitors will be used for public awareness campaigns as well as for improving public acceptance of nuclear energy in each country that will introduce or expand nuclear energy.

The Day that Changed our World

Devon Thompson

Every generation has at least one "where was I when this happened" event. We all remember what we were doing and what we were thinking after 9/11. I am not sure if our entire generation will remember, but I know all NA-YGNers will remember Fukushima Dai-ichi. I remember that my initial personal response was not related to the BWR's – the majority of my immediate family still resides in New Orleans and our own experiences with flooding and evacuation are still fresh in my mind. I recall being appalled that the mainstream media could spend so much time covering a *potential* nuclear incident when the true travesty was the extensive suffering at the hand of the 2011 Tohoku earthquake, the most powerful earthquake ever to hit Japan. This first off-the-cuff reaction turned out to be misguided; what I had dismissed as media hype over a reactor trip quickly progressed into an event involving public radiation exposure, melted fuel, and potential spent fuel pool boiling. I wasn't concerned about losing my job, the commercial nuclear industry has a strong history of job security and Southern Company has never given me any reason to doubt this reputation – but what about growth and opportunities? Would Vogtle 3&4 be built? Would public outcry put the kibosh on the nuclear renaissance? Older co-workers talked about the severe contraction of the nuclear industry after TMI and Chernobyl; had I jumped head-first into an industry that was headed in the wrong direction?

While anti-nuclear activists have utilized the recent events in Japan to bolster their appeals to end the second nuclear renaissance, the public reaction has been less heated than I had anticipated. Richard Loftin, NSSS supervisor at Vogtle 1&2, was an employee at Vogtle during Chernobyl, TMI, and Fukushima Dai-ichi. When I asked if the response had been different between these events: "Absolutely, the industry has matured, the public is more understanding. Public response has been more reserved than what we saw with TMI." TMI resulted in significant plant re-designs, especially for those plants in construction in 1979 and after. "We don't know what the final response from Fukushima will be, but the industry has concerns and is taking precautions." Mr. Loftin highlights the exceptional track record of nuclear power, largely a result of self-regulation - the evolution of the nuclear power industry has been substantial over the past twenty years, specifically through the strong results of INPO self-regulation and use of OE.

The nuclear renaissance continues, the movement will approach and embrace the lessons learned from Fukushima as it does all industry operating experience. In reference to new development and Vogtle 3&4, Westinghouse and utility leaders have stood behind the AP 1000's passive cooling systems, CDF contribution to LOOP events (~0.4%), and seismic design for a 10,000 year earthquake to reinforce their commitment to nuclear power [1]. Near Plant Vogtle, traffic has gotten heavier and new faces are added for preconstruction and future construction activities. Business as usual does not mean nuclear companies do not show compassion to Japan's plight, but in the interest of our nation's energy future as well as nuclear safety the best thing we can do is carry on as we have. A mature industry response and a tempered public outcry have laid the groundwork for a promising future for nuclear power in the shadow of the Fukushima event.

References

[1] http://www.iaea.org/NuclearPower/Downloads/Technology/meetings/2011-Jul-4-8-ANRT-WS/2_USA_UK_AP1000_Westinghouse_Pfister.pdf

Energy Expert Speaker Series – Learning from Fukushima Dai- ichi

Shehab (Sunny) G. Mustafa

On September 21, 2011, the North American Young Generation in Nuclear (NA-YGN) Durham Chapter partnered with one of Canada's premier business schools, The Rotman School of Management at the University of Toronto to create a special and successful event with Ontario Power Generation's (OPG) Chief Nuclear Operating Officer, Mr. Pierre Tremblay.

Zeeshaan Mustafa, Rotman MBA (C'12) co-host and NA-YGN Member welcomes attendees to the Energy Expert Speaker Series @ Rotman.

The NA---YGN Durham Chapter collaborated closely with the Rotman School of Management and the Rotman MBA Energy Club to co-host a special 2011 Energy Expert Speaker Series @ Rotman featuring Mr. Tremblay. Mr. Tremblay, who has a Masters of Business Administration was invited to return to his *alma mater* and deliver a presentation entitled, "The Future of Nuclear: Lessons from Fukushima Daiichi".

The Rotman School of Management routinely offers students, alumni and interested members of the public an opportunity to learn from renowned global experts on a diverse range of topics. This thought provoking suite of lecture series is known as the Expert Speaker Series @ Rotman. The goal of the series is to invite "some of the greatest minds in business" to visit the Rotman School to share their insights and inform the audience as global thought leaders. The Speakers Series offers a broad diversity of topics, from expected business school topics such as Finance, Strategy, International Business to the more eclectic subjects such as Integrative and Design Thinking, Competitiveness and Prosperity.

Sunny Mustafa, NA-YGN Durham Vice President, thanking Mr. Tremblay, Rotman and attendees in his closing remarks.

Given the tragic events of Japanese earthquake and tsunami of earlier this year, the NA-YGN Durham Chapter felt the need for academics, business community and public at large to be better informed about the events in Japan and what specifically this meant for OPG and the Canadian nuclear industry as a whole.

The Fleck Atrium in the heart of the Rotman School was the venue for Mr. Tremblay's presentation. As the event was open to the public, there was a wide range of participants with over 250 registered attendees. Several colleagues from within the nuclear Industry and the broader power generation sector were present. OPG Nuclear Senior Vice President, Nuclear Engineering and Chief Nuclear Engineer Mr. Mark Elliott and OPG Vice President Corporate Affairs, Mr. Bruce Boland were in attendance to support the event. Registrants and attendees also included representatives from the Consulates of Switzerland, Korea, and Britain along with the Consul Generals of Switzerland and UK Trade & Investment. The audience also included individuals from financial, legal, and consulting firms; as well as, governmental and non-governmental organizations such as the Physicians for the Environment.

Mr. Tremblay delivered an informative and insightful presentation. He summarized the sequence of events at Fukushima, measures undertaken following the accident and the use of remote technology to stabilize the situation. Mr. Tremblay also broadly described the defining moments in the nuclear industry and outlined how the nuclear power industry emerges stronger after adversity, "by working together to assess, benchmark and improve performance through mutual support, exchange of information and emulation of best practices"[1].

Energy Expert Speaker Series – Continued

Shehab (Sunny) G. Mustafa

Mr. Tremblay, OPG CNO addressing the audience at the Fleck Atrium, Rotman School of Management for his presentation, "Nuclear Energy's Future: Learning from Fukushima-Daiichi".

He highlighted OPG's response to events in Japan, including OPG CEO Tom Mitchell's appointment to chair a special World Association of Nuclear Operators (WANO) commission; launch of special communications initiatives to keep Ontarians informed and assured about the safety of OPG's nuclear facilities; and submission to the Canadian Nuclear Safety Commission on lessons learned from Fukushima. Mr. Tremblay explained how OPG, other Canadian nuclear operators and the global nuclear industry is responding to the lessons learned from Fukushima Dai-ichi.

The four key learnings which Mr. Tremblay delineated were the importance of preventing fuel damage and maintaining containment; anticipating and planning for the "unexpected"; verifying defenses and systematically carrying out all emergency functions; and considering ways to partner with other operators and the community. Mr. Tremblay concluded his remarks with the environmental, economic and operational value offered by nuclear energy and how safety for the public, environment and employees is a fundamental value for nuclear energy professionals.

The presentation was followed by an engaging discussion with members of the audience. Attendees were interested In asking Mr. Tremblay about the specifics of the accident sequence at Fukushima. Some participants also wanted to learn about a broad range of topics including the possibility of changing regulatory requirements, the status of emergency preparedness plans, alleged incidences of cancers near nuclear facilities and the role nuclear security. Mr. Tremblay effectively and eloquently addressed each question by presenting evidence based research and facts which were well received by audience.

(left to right): Sinéaid Lagan, NA-YGN Durham President, Sunny Mustafa, Vice President; Lianne Lees; Mark Bosley, NA-YGN Durham members; Andrew Ali, NA-YGN AMEC NSS Chapter Communications Chair and Mayur Upadhyay NA-YGN Durham Professional Development Chair

The NA---YGN Durham Chapter was pleased to create this special Energy Expert Speaker Series @ Rotman. Mr. Tremblay's presentation highlighted key actions undertaken by OPG, the global response of the nuclear Industry and how lessons from Fukushima were are being incorporated in maintaining safe nuclear facilities. The event was an overwhelming success as it educated, informed and promoted an engaging dialogue with the public about the paramount importance of nuclear safety for nuclear energy professionals. This dialogue and the public's appreciation of it is the basis for the social license which is required for the continued future of nuclear energy both in Ontario, Canada and abroad.

1 World Association of Nuclear Operators (WANO) Mission statement.

The ones who are crazy enough to think that they can change the world, are the ones who do

Misha Swanson, IYNC VP-former NA-YGN Core Member

If you are reading this, chances are you are already more connected to the Continental organization than the majority of NA-YGN members. We boast active membership around 4,000, but know that over 8,500 have called themselves an NA-YGNer at some point during their career. Those numbers are astounding, but like any volunteer organization there are a small percentage of those people doing a lot of the heavy lifting.

I should know, I've done some of the heavy lifting. My involvement started by co-founding a NA-YGN chapter at PSEG Nuclear and has led to the following:

- Two jobs
- My former position as Communications Chair on NA-YGN Core
- The George Westinghouse Award and NA-YGN Excellence Awards
- Travel to Miami, Stockholm, Interlaken, London, Chicago, Cape Town, San Francisco, Charlotte, and Prague
- My former positions as USA delegate of IYNC, and my current position as Vice President of IYNC
- Dabbling in my passion of writing
- Presenting in front of international peers
- Really good friendships all over the globe

But I've also spent my weekends locked in meetings, gotten up at four in the morning for international conference calls, and in some cases spent my own money. I have to continuously prove that I am worthy of representing my company, that I am balancing my priorities, and not allowing my workload to slip, even if the current Communications Chair is breathing down my neck for this article.

I realize that not everyone is interested in international travel or writing for Go Nuke!, so I will break it into three more generic benefits: 1) improved problem solving; 2) more enjoyable work environment and 3) increased career opportunities.

Lessons I leaned from a great man-

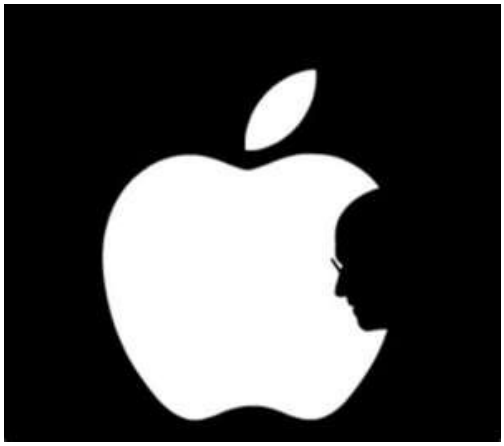
A very private man in life, after his passing and the release of his biography, we are learning more about the creative tyrant that was Steve Jobs. I purchased my first Mac in 1997 and have been a "Mac" every since. Therefore I have been gobbling up all the quotes and sound bites and I learned that Steve Jobs dropped acid and he felt it had a profound effect on his creativity. I've never dropped acid or even smoked a cigarette, and don't plan on it, nor do I advocate it. Please dig into the bigger lesson to be learned. When Steve Jobs came back to Apple, the "Think Different" marketing campaign was unleashed and it became the innovative company it is today, solving problems we didn't even know we had. Solutions come from innovation and innovation evolves out of being able to look at a situation with a different perspective. Our industry loves peer reviews because it brings in a different

perspective to help solve problems. Every group you get involved in or experience you have shapes your mind set on how you approach an issue. The more diversity in your experiences, your ability to see a problem from all sides is enhanced, as well as the solutions that will safely improve our industry

We spend the majority of our time at work. Why would you want it to be a miserable experience? Personally I enjoy a distraction from my daily responsibilities in the form of IYNC budget discussions or attending a lunch and learn. There are days when nothing goes right with my job, but if I am able to work out a resolution on something IYNC-related, I am not completely deflated at the end of the day. I am also involved with our developing professionals group that is not strictly nuclear and it gives me a chance to educate and advocate. I am also involved in Back on My Feet, and it gives me common ground with our corporate lawyer, the technical assistant to the VP and my boss - all big runners. It makes a big difference in my work environment. The more diverse your experiences, the more interesting you become and the easier networking gets.

Realistically, just doing your job well won't get you promoted. It may not even get you noticed by anyone expect your boss. So, don't hide that you are working on NA-YGN or any other project outside your daily responsibilities, in order to prove that you can handle more than you are handed. Working on committees leads to building relationships and opens you up for being recognized by more than your own management, which opens you up to more opportunities. The more diversity in experiences, the more connections you make and more likely to lead to that next job opportunity.

So volunteer for the next opportunity that crosses your desk. And if you find yourself asking "Why?" tell yourself it's because Steve Jobs dropped acid.



Here's to the crazy ones, the misfits, the rebels, the troublemakers, the round pegs in the square holes... the ones who see things differently -- they're not fond of rules... You can quote them, disagree with them, glorify or vilify them, but the only thing you can't do is ignore them because they change things... they push the human race forward, and while some may see them as the crazy ones, we see genius, because **the ones who are crazy enough to think that they can change the world, are the ones who do**. - Steve Jobs

Professional Development in Action

Curtiss Wright — Julio Adame

The NA-YGN Chapter of Curtiss Wright Flow Control (CWFC) kicked off their first recruitment presentation to a group of 33 potential members at their Brea, CA location on August 26, 2011.

Jim Leachman, Executive Sponsor, of the NA-YGN Chapter of Curtiss Wright Flow Control gave the opening speech at the meeting and he was excited to see a room full of eager young employees ready to make a difference and become the next generation of leaders within Curtiss Wright Flow Control and in the nuclear industry. Julio Adame, President of the NA-YGN Chapter of CWFC, presented the benefits of joining NA-YGN and Ted Gribble, Vice-President, of the local NA-YGN chapter of San Onofre Nuclear Generating Station (SONGs) showed his support by attending the meeting to help answer any questions during the Q&A session of the meeting.

In order to start a local grassroots effort for promoting nuclear energy, over 100 Nuclear Energy Institute Simulated Pellet Cards were ordered and distributed to the attendees to share with their family, friends, and neighbors to promote the safe operation of nuclear power plants. Nuclear Power is vital to Southern California as SONGs and neighboring Palo Verde Nuclear Generating Station in Arizona provide a significant amount of electricity to households and businesses in the area.

The NA-YGN Chapter of CWFC will be holding additional recruitment presentations at their various locations across the country in the remaining months of 2011 and will be going full steam ahead for 2012 for our NA-YGN virtual chapter.

Bruce Power — Shawn Brent

On Thursday September 15, 2011, the Bruce Power Chapter of NA-YGN hosted a professional development event at the Bruce Learning Centre, focused on careers and experiences in Operations. Twenty-three employees attended the event, which featured a tour of the control room simulators, followed by a panel discussion with three experienced operators. The simulator tour allowed attendees to get a sense of the size and complexity of the control room, and to learn from certified staff about the challenges that face Authorized Nuclear Operators and their managers.

The panelists included: Chris Guiry, ex-Certified Operator, currently working in the Training Division; Tracey Primeau, Shift Manger; and Ian Grieg, Supervising Nuclear Operator. All three are seasoned veterans of the Operations field, with over 50 years experience between them. Panelists briefly presented some information about their career paths and experiences in Operations at Bruce Power and other stations and then opened the discussion to questions. Attendees were able to ask about anything from career progression, favorite and least favorite jobs, pay, training, and any other topic they wished, in order to get a better understanding of the kind of work offered in Operations.

Chris Guiry, Ian Grieg, and Tracy Primeau talk to Bruce Power employees about their work in Operations.

The goal of the workshop was to promote interest in careers in Operations and also help the group to understand the kind of work performed by Operators. The event was well received, with requests for repeat offerings. Tracy, at the request of Nuclear Power School (NPS), recently gave a similar talk to a class of new Nuclear Operators going through NPS.

Public Policy and Nuclear Threats Boot Camp — Raymond Wolfgang

Last August, I attended the 2011 "boot camp" edition of the Public Policy and Nuclear Threats course (http://igcc.ucsd.edu/workshops/public-policy-and-nuclear-threats/ppnt-summer-boot-camp.htm) at the University of California . Have you ever wanted an overview of the policy issues concerning nuclear weapons, nuclear power, and the institutions that govern policy development? If so, this three week course provides just such an overview. As an Electrical Engineer working at Sandia National Labs in Albuquerque, I learned information I wouldn't learn otherwise from the lectures and interactions with policy specialists, think-tank participants, political science students and professors, and even the B2 fighter pilot who presented on what it was like on the delivery-side of nuclear weapons. For similar topic matter, the reader is referred to the organization that puts on the three conferences each year featuring early professionals and their work so far in their careers. http://csis.org/program/project-nuclear-issues

The week started with discussions on the science and study of political science – the tools used to answer questions such as the following:

"Why would a country start or stop a nuclear weapons program?"
"What are the frameworks used to set policy regarding nuclear fuel storage and reprocessing?"
"What would make a country or individual sell nuclear technology and trade secrets?"

The first week then focused on the "nuts and bolts" of nuclear power. First came an overview of the technology of modern thermonuclear weapons, then speculation on other countries' nuclear arsenals at the unclassified level. We learned about the nuclear fuel cycle, including how materials that remain after the processing of nuclear fuel can cause a weapon proliferation concern. This material was brought to life with the field trip to the San Onofre Nuclear Generating Station in California.

The second week moved onto nuclear policy, nonproliferation treaties, and the IAEA enforcement regime. The United States 2010 Nuclear Posture Review (NPR) held particular interest in light of President Obama's Prague speech (5 April 2009). The week continued with presentations and discussions on the major nuclear treaties: NPT, SALT, START 1 and 2, the Comprehensive Test Ban Treaty (CTBT), the New Start/Moscow treaty, and others. Several days were devoted to learning how IAEA inspections proceed, what is required of individual countries as far as granting the IAEA access to their facilities, and even what it is like to work as an inspector or staff employee. The last part of the course focused on potential new nuclear actors and nuclear terrorism.

Many organizations play a role in fighting nuclear terrorism: the US Domestic Nuclear Detection Office (DNDO), the FBI, and several academic and quasi-government organizations. Questions such as these were discussed: How do other countries think about nuclear weapons? … nuclear power? Are any of them contemplating building the bomb? Would they build a bomb if someone else did?
The differing perspectives I gained from these speakers, from my classmates, and from the course mentors will help me bring much more understanding, compassion and ultimately respect for differing opinions and approaches from different fields of study. The readings each night also added to understanding a global picture which is very different now than even five years ago. If you have an interest in nuclear policy of any sort, I highly recommend this class to make our contribution to the cause of nuclear security even more impactful.

REGIONAL REPORTS

Atlantic (Regional Lead-Bobby Ashworth, atlantic@na-ygn.org**)**
On Saturday August 20, 2011, over 30 NA-YGN members gathered as participants in the Atlantic Regional Event hosted at the AREVA Lynchburg offices. This one-day event provided NA-YGN members with opportunities for professional networking and career development beyond the offerings at the chapter level. In particular, the Atlantic Regional Event had participation from young professionals employed by many different companies that are invested in nuclear power, including AREVA, B&W, Constellation, Dominion, NEI, Virginia Uranium, and MPR Associates. This year's event provided a close forum for NA-YGN members to collaborate with peers about the landscape of the nuclear power industry. Overall, it was a great day to catch-up with old friends and to make new friends.

Northeast (Regional Lead- Elizabeth Haupin, northeast@na-ygn.org**)**
The Northeast Region held its Regional Event in Syracuse, NY on August 12th. This workshop theme was "Globalization: The Challenges of the Nuclear Industry in the 21st Century". The workshop included sessions on the following topics: *Fukushima Daiichi – The Aftermath of a Nuclear Accident, Knowledge Transfer and Retention, Maximizing the Power Output of Existing Plants – Extended Power Uprate, World Fuel Cycle Interactive Activity and Re-invigorating Your NA-YGN Chapter: A Workshop for Local Chapter Leads.* With many of our NA-YGN members turning out for the workshop, the event was a huge success.

Carolinas (Regional Lead- Ryan Boyle, carolinas@na-ygn.org**)**
The Charlotte area chapters organized an event with CASEnergy and ANS featuring Dr. Patrick Moore, co-founder of Greenpeace, and now a pro-nuclear advocate. Dr. Moore's talk was entitled, "A Discussion with the Sensible Environmentalist about Nuclear Power." The event was hosted at UNC Charlotte's new Center City building. Members of the Midlands and GE-Hitachi chapters are getting together for a day of rock climbing, zip-lining, and rafting at the US National Whitewater Center in Charlotte.

Southeast (Regional Lead- Jessica Wheelock, southeast@na-ygn.org**)**
The Southeast Regional event is just around the corner. This event will be held in Jupiter Beach, FL from November 3rd – Nov 6th. Also, the Echelon Chapter recently reached out to several local schools about an essay contest they are sponsoring as well as "Renewable Energy Day" where they taught kids about nuclear power. INPO is hosting Knowledge Transfer Month (October) and had Vince Gilbert kick off the activities earlier in the month. They will host the infamous Nuclear Fuel Cycle game as well as an overview of the INPO Evaluations Process. Comanche Peak is continuing the "7 Habits of Highly Effective People" classes. These classes are getting a lot of praise and participation. Michael Page has been hugely supportive of the chapter. CNO Rafael Flores has also been extremely involved and supportive of the chapter activities and even spent an hour discussing the 7 habits with chapter members at the most recent class. The poster contest has been in full swing around the SE with Chapters like Shaw, River Bend and Comanche Peak showing their support. Congrats to Comanche Peak for getting 125 kids to participate!

Regional Reports, continued on page 11

REGIONAL REPORTS- CONTINUED

Midwest (Regional Lead- Sean Tanton, midwest@na-ygn.org)
50 individuals from various Midwest chapters attended the 1st ever Regional conference. It was held in Chicago, IL at the downtown Sargent & Lundy offices on August 12th. The conference's theme was OPEX (Operating Experience). Speakers came from Davis Besse and DC Cook as well as INPO to discuss major industry events and the importance to learn from them. The event also included several social events including a pre-conference meet and greet and a White Sox baseball game. Thanks to the Regional Planning committee for all their their hard work and efforts. Besides the conference, the regional chapters in the region have been busy. Exelon West held their Annual Professional Development meeting on September 16th with over 80 people in attendance from their sites. The 1st Annual Palisades vs. DC Cook chapter Softball game and picnic was held on August 29th with Palisades coming out victorious. Also the DTE Fermi chapter set up a booth at their site safety day to promote NA-YGN and gained 15 members from that effort.

West (Regional Lead Jessica Joyner, west@na-ygn.org)
The SONGs Chapter is hosting a Food Bank volunteer event in November as well as representing NAYGN/NEI at the SHPE Annual Conference on Oct 29th.

Canada (Regional Lead Chris Waugh, canada@na-ygn.org)
The NA-YGN Durham Chapter partnered with Rotman School of Management, one of Canada's premier business schools, at the University of Toronto to create an expert speaker series. On September 21, 2011, Ontario Powers Generation's CNOO, Mr. Pierre Tremblay gave a presentation entitled, "The Future of Nuclear: Lessons from Fukushima Daiichi". The presentation was followed by an engaging discussion with members of the audience. The event was an overwhelming success as it educated, informed and promoted an engaging dialogue with the public about the paramount importance of nuclear safety for nuclear energy professionals.

EVENTS

October 27-28
Society of Hispanic Professional Engineers
NA-YGN Career Awareness Booth
Anaheim, CA

October 31-November 3
2011 ANS Winter Meeting, Technology Expo/ 2011 Young Professionals Congress
Omni Shoreham Hotel
Washington, DC

November 2-4
Southeast Regional Conference
Jupiter Beach Resort
Jupiter, FL

November 17-18
Association for Career and Technical Education
NA-YGN Career Awareness Booth
St. Louis, MO

January 23-27, 2012
National Nuclear Science Week
www.nationalnuclearscienceweek.org

NA-YGN
North American Young Generation in Nuclear
PO BOX 32642
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STP Nuclear Operating Company
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Zachry Nuclear, Inc.