



## INSIDE THIS ISSUE

### 2012 WiN ELECTIONS AND 2012 WiN AWARD

See page 2.

### COMMUNICATIONS COMMITTEE

Update on activities. See page 2.



## HEADLINES

### 20<sup>th</sup> WiN Global Congress in Kalmar, Sweden

**“Safety in the Nuclear Lifecycle. From Design to Disposal.”**

On behalf of WiN Sweden and WiN Global, we are pleased to announce that the 20<sup>th</sup> WiN Global Annual Meeting will take place at Kalmar Castle, in Kalmar, Sweden from 28 May to 1 June 2012. WiN Global Executive and Board meetings will be held the weekend before the congress starts (26 and 27 May).

Online registration will open in January on the WiN Sweden website [www.winsverige.se](http://www.winsverige.se). The programme will also be made available online, and will include a cultural visit to Öland, a Reception and Gala Dinner and technical visits to three different facilities from May 31<sup>st</sup> to June 1<sup>st</sup>.



Kalmar Castle

The destination for the 20<sup>th</sup> WiN Global Annual Meeting is Kalmar, Sweden, which has international flight connections via Stockholm Arlanda airport.

Further information on the conference programme and travel details will be available in January.

WiN Global Congress Planning Committee, co-chaired by:

Monica Bowen-Schrire, Vattenfall (WiN Global Executive, Past President WiN Sweden) and Marguerite Nilsson, SKB (WiN Sweden Board)

*We hope to see many of you in Sweden in May 2012.*

### A TOY FOR A YOUNG SCIENTIST: ATOMIC ENERGY LAB



In the midst of optimism on the development of nuclear energy, we could buy toys on “Atomic Energy” like this Atomic Energy labo Kit, in the United States, in the 1950s. This toy was the most sophisticated educational product on nuclear energy. It was marketed from 1951 to 1952 by the Gilbert company hall of science. Its price was relatively high for the time: \$50 or €300 today. This little suitcase contained:

- A Geiger counter
- An electroscope
- A spintharoscope
- A Wilson camera
- 3 very low doses sources or radiation: a source of beta-alpha, a pure beta source and a source of gamma rays.
- 4 types of uranium ore
- Small balls to combine to make molecular models and standard cells.

Today it is an object for a collector.

Happy Christmas!

Contributed by Anne-Marie Goube  
WiN-France



## WHAT'S NEW?

### WiN COMMUNICATIONS COMMITTEE

Google, Doodle, Facebook, Twitter . . . this is the language being spoken by WiN-Global Communications Committee who are exploring how to use Social Media tools to better connect WiN members around the world. Projects include a redesign of the WiN-Global website, a policy paper on WiN's Facebook presence around the world, and sharing best practice in traditional and Social Media tools to better communicate with members, stakeholders and the public. The Committee is made up of the Communication Leads from each Country Chapter.

The purpose of the committee is to:

1. Agree on standards for communication protocols, especially in the area of Social Media, where a consistent web presence is important to protect our brand and identity
2. Collaborate on the development of content for an enhanced WiN-Global website
3. Collaborate on messaging
4. Have an established group to mobilize in times of crisis or significant events
5. Share good practices for communicating with the public, stakeholders and members among Chapters
6. Advise the WiN-Global Board and Executive and make recommendations on Communication related matters

For additional information please contact WiN Executive and Communications Committee Chair Susan Brissette ([susan.brissette@gmail.com](mailto:susan.brissette@gmail.com)).

### 2012 WIN GLOBAL ELECTIONS

Nominations will be accepted beginning in January 2012 for the 2012 WiN Global President and 3 Executive Positions (1 Americas, 1 Eastern Europe, 1 Asia). Please review the WiN Charter and contact WiN Global President Cheryl Boggess for details on the nomination and election process. A special committee chaired by WiN Executive Maribel Gómez (WiN Spain President) will oversee the elections.

### 2012 WiN AWARD

It is time again to submit a nominee for the annual WiN Award. Please submit all nomination forms and materials by email. To ensure receipt of the information send all materials to Monica Bowen-Schrire, Gabrielle Flannery, and Cheryl Boggess. Our email addresses are:

[monica.bowen-schrire@vattenfall.com](mailto:monica.bowen-schrire@vattenfall.com)  
[flannery@world-nuclear.org](mailto:flannery@world-nuclear.org)  
[boggescl@westinghouse.com](mailto:boggescl@westinghouse.com)

Nominating materials will be accepted anytime up to the deadline of March 1st, 2012.



## THE WORLD OF WiN

### WiN FINLAND

WiN Finland Energiakanava has launched a new website in Finnish and in English. The website is built solely on Google freeware. It is easy to build and maintain and what's best free of charge.

Special feature in the website is section "Mediakooste" (in Finnish only). It collects a wide selection of online activities on both corners of nuclear debate. Anyone (who knows the link) is free to take a glance what is being said about nuclear in the online news, twitter, facebook, flickr, picasa etc. All of this is generated free of charge as well and updates automatically.

"We needed to create an easy to maintain website that does not depend on specialists to keep it updated. We need to have online presence but don't have big resources to carry it out. Please take a look and send us e-mail, if You have a comment, question or want to build a similar website of your own chapter and need help", Anna-Maria Länsimies, chair and site manager of WiN Finland says.

[www.win-finland.org](http://www.win-finland.org)  
[www.energiakanava.fi](http://www.energiakanava.fi)  
Media round up:  
<http://energiakanava.blogspot.com>

For more information please contact Anna-Maria Länsimies ([anna-maria@lansinies.com](mailto:anna-maria@lansinies.com)).

### WiN CANADA

#### A day on Parliament Hill

'Putting a fresh face on the nuclear industry' was the motto of the day on Tuesday, October 25, when forty Women in Nuclear (WiN)-Canada and North America Young Generation Nuclear (NAYGN) members travelled to Ottawa to participate in a NU Parliament Hill Day. The day was organized by the Canadian Nuclear

Association (CNA) along with representation from WiN and NAYGN. After some excellent training on the topic of communicating your message, nuclear workers passionate about the industry they work in, converged on the hill to share their personal stories about working in the industry providing reassurance around safety, waste storage and the bright future of the nuclear industry.

Training was provided on how your message is delivered covering topics such as warm ups required to ensure a good presentation and being able to present an articulate message without the aid of “umms and uhhs,” along with session on media training. The training sessions prepared the participants with all tools needed to speak to MPs, Senators and staffers about the great work being done in the Canadian nuclear industry.

The participants were all given a warm reception on the hill and Parliamentarians were anxious to hear more about the industry. Questions about safety, Fukushima, the recent AECL sale and waste storage were all addressed with confidence by the participants.

A reception hosted by Minister of Labour, The Honourable Lisa Raitt, followed the meetings with an opportunity for many MPs and other industry leaders to attend and chat with participants. All participants felt very privileged to have spent a day at our nation’s capital and to have been provided time on the calendars of our country’s leaders.

Talks are already underway to make this an annual event.

### Inspiring today’s youth....

October and November were busy for WiN members working in the skilled trades and technologies. WiN members participated in seven Skills Work! for Women Networking dinners across Canada.

The dinners invite mentors who work in the skilled trades and technologies across all sectors to speak to female secondary school students about what a day-in-the-life of their chosen career looks like. In total WiN members reached over 500 students about what a day-in-the-life of their chosen career looks like.

The students visiting each group of mentors heard reoccurring themes, ‘the skills were just skills not masculine skills, if you liked being creative and working with your hands the skilled trades were for you and well paid careers await those who choose the skilled trades.’ The shortage of workers in the skilled trades was highlighted by all mentors.

For more information on the dinners visit [www.wincanada.org](http://www.wincanada.org) under News and Resources.



Mentors, students and guests at the WiN-Canada dinner in Port Elgin, Ontario pose for a quick picture at the Skills Canada event.



WiN-Canada member, Sharon Therrien, speaks to students about her career as a Maintenance Technician at Ontario Power Generation.

### The best man for the job may be a woman...

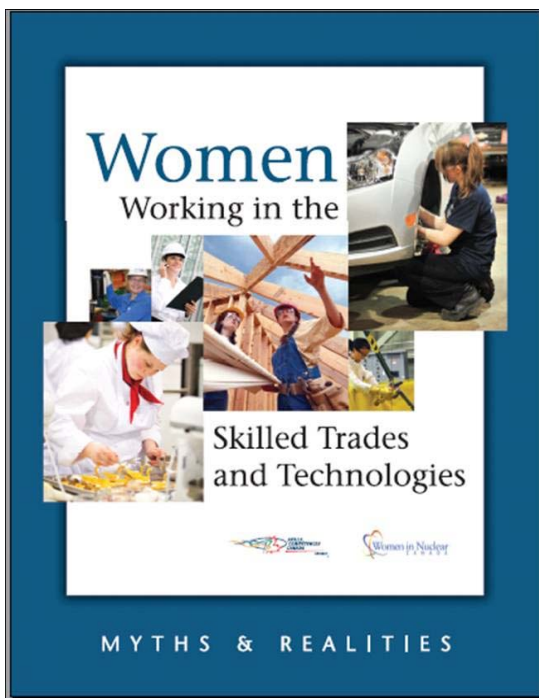
When most people envision a skilled tradesworker, they see a man wearing a hard hat and work boots with a heavy tool in hand. Women in Nuclear (WiN) Canada and Skills Canada-Ontario are working together to change that image.

With Toronto’s landscape providing the perfect backdrop to talk about supporting Canada’s infrastructure, WiN and Skills Canada-Ontario launched their new position paper, *Women in the Skilled Trades and Technologies – Myths and Realities*, on Thursday, November 9.

Keynote speaker Duncan Hawthorne, CEO and President of Bruce Power, told the audience, made up of government, educators, unions and industry, about the chronic skills shortage in Canada. Hawthorne said, “jobs in the skilled trades in the nuclear industry are long-term. Choosing such a career is a great investment in yourself.” He made a strong plea for everyone to work together to help recruit more young people into the skilled trades and technologies.

“With over 40 percent of the skilled workforce set to retire within the next ten years we need to tap into the 50 percent of overall workforce that has largely been ignored in the skilled trades and technologies – women,” said Colleen Sidford, President of WiN-Canada. “Today less than three percent of all apprentices in construction, automotive and industry trades are women. Considering the average age of skilled workers is 55, the short supply of skilled workers will become urgent within the next few years,” stated Sidford.

The paper debunks six myths that discourage women from pursuing careers in the skilled trades and technologies and offers recommendations to government, educators, unions and industry on how better to recruit, retain and promote women in skilled careers.



You may view and download a full copy of the paper at <http://www.wincanada.org/news/women-in-the-skilled-trades-and-technologies>.

## WIN GERMANY

### 2011 Annual Meeting

This year's WiN Germany general meeting took place on November 25<sup>th</sup>, 2011. RWE Power hosted the meeting in Biblis, where interested WiN members had the opportunity to visit the power plant on the afternoon of November 24<sup>th</sup>.



The general conclusion following the visit, which all agreed upon: it is wrong to shut down plants such as Biblis, which meet the highest technical and safety standards. Prof. Dr. Gerd Jäger, Executive Board member of RWE Power, gave an interesting presentation, providing insight into Germany's energy supply and the imminent and long-term challenges in the wake of Germany's energy turnaround (nuclear phase-out in 2022).

On November 25<sup>th</sup> WiN Germany President, Beate Scheffler, and the working group leaders presented results of tasks that were tackled and mastered in the past year. The main focus of discussion at the meeting was on “Quo vadis WiN Germany”. The general feeling was that positive results from public relation activities do not look promising at the present time, but we are determined to strengthen and promote the WiN network.

## WIN EUROPE

### Participates in the 55th IAEA General Conference

WiN Europe participated in its first general conference, made a presentation in front of other Non Government Organization (NGO) and participated in a luncheon with WiN IAEA to present WiN Europe.

In June this year, WiN Europe was officially recognized as an NGO by the IAEA. This recognition allowed WiN Europe to participate in the 55<sup>th</sup> General Conference that took place between the 19<sup>th</sup> and the 23<sup>rd</sup> of September in Vienna.

WiN Europe hosted a stand during the conference with help from WiN IAEA. Many contacts were made with people from all over the world especially during the first day of the conference.



*Eva Gyane, Gaby Voigt and Annick Carnino*

As an NGO, WiN Europe was invited to assist in the opening sessions and there to hear the speech from the General Director, Mr. Yukiya Amano. Most of the speeches from national representatives focused on Nuclear Safety after the Fukushima Accident.



*Annick Carnino and Dominique Mouillot in the plenary hall*

WiN Europe participated to the IGO-NGO briefing at the invitation of Ms Margit Bruck-Friedrich, from the office of Policy. The goal of this meeting was to welcome new members and give them an opportunity to present themselves. Annick Carnino presented WiN Europe.

As several members of WiN Europe were present in Vienna for the General Assembly, WiN IAEA organized a luncheon to encourage exchange between WiN Europe and WiN IAEA members. Dominique Mouillot, President of WiN Europe presented our association.



### **Annual Meeting**

The first General Meeting of WiN Europe was held on the 30<sup>th</sup> of November at the European Nuclear Energy Leadership Academy (ENELA) in Munich. On this occasion, Dr Odette Jankowitsch-Prevor, independent expert from the IAEA, gave a very interesting lecture on Nuclear Law.

This meeting gave members an opportunity to review activities in 2011. This first year has been a great launching year. We welcomed two new members in February, Spain and Bulgaria. We were very visible as we participated in more than 15 events in 10 European countries. Finally, we were recognized as NGO by the IAEA, signed partnership with the ENS and ENELA and cooperate with ENEF (European Nuclear Energy Forum) and the OECD/NEA (Nuclear Energy Agency).

### **WIN FRANCE**

In 2011, WiN France welcomed WiN Europe as a partner of the Fem'EnergiA Award with EDF. The ceremony took place in Paris on the 29<sup>th</sup> of September. The Fem'EnergiA Award is a campaign to attract skills and competences to nuclear professions. Within this context, we specifically want to promote the role and position of women in this sector, communicating on diversity and equal opportunities for career development.

The objectives of this award are:

- to promote the participation of women in the nuclear sector, to give more visibility to women in scientific, technical and technological, nuclear-related occupations and highlight exemplary careers in the nuclear industry

- to attract young women and detect student profiles susceptible to be orientated to scientific, technical and technological occupations in the nuclear field
- and to encourage those already working in the sector to persevere in their career and achieve their ambitions

In all, several prizes were awarded in different categories for students and working professional in France and in Europe. The winner for the working women in Europe is Julie Krskova from Czech Republic.



*WiN Europe members with Julie Krkova*

The prizes included scholarship grants, internships, apprenticeship contracts, assistance to first employment for the student categories and help with career guidance and a trip to a foreign country with visit of a nuclear installation for the working women category.

In addition, we held a round table discussion with high level experts on the theme “the leaders and key competences of tomorrow for the nuclear industry”. The participants were:

- Irene Aegerter from WiN Europe
- Jean-Claude Gauthier, Director of ENELA
- Serge GAS, Head of External relations and Public affairs, OECD, NEA
- Malgorzata Tkatchenko, Director CEA center of Fontenay aux Roses
- Laurent Stricker, President of WANO
- Cécile Laugier, director of CEIDRE, EDF



*The participants to the round table*

After the ceremony, Dominique Mouillot, President of WiN Europe and Jean-Claude Gauthier, Director of ENELA signed a Memorandum of Understanding (MoU) that formalizes the cooperation.

The goal of this agreement is help ENELA recruit more women in their training programs, to provide mentorship and experts for their training courses, exchange communication materials, give logistic support when organizing an event and encourage friendly co-operation or mutual interchanges between their respective members on subjects related to peaceful uses of nuclear science and technology.



*Dominique Mouillot and Jean Claude Gauthier sign the agreement*

## WIN SPAIN

### WiN Spain Conference in Jarandilla de la Vera

“How often do you check a NPP?”

“We saw it in Fukushima: nuclear reactors can blow up!!”

“How much does the local administration earn due to the fact that there is a NPP located in its area?”

“MOX fuel is really dangerous because uranium and plutonium goes separately!”

Etc, etc...

Questions, doubts, false statements which are easy to answer, clarify and take to pieces that prevent the nuclear industry from approaching the general public. Then, why don't we answer, clarify and take to pieces all those points?... maybe because you need to be in the right place at the right moment, and that is what WiN España did last November 4<sup>th</sup>. With the help of AREVA and Almaraz NPP, we chose a little town close to the plant in Extremadura, Spain. The plant is like an unknown neighbor so they have a lot of questions and fears. WiN-Spain some brave and brilliant people to village of Jarandilla de la Vera Near the plant, who were willing to give as much answers as it was possible.

The dedicated ambassadors included:

- María Isabel Gómez Bernal, WiN-Spain President.  
Topic: What's Nuclear Energy?
- Ana Palacio, Spanish former Secretary of State (Foreign Secretary) and Vice-President (Deputy Chairwoman) of AREVA.  
Topic: NPPs in the Spanish Energy Policy
- Jose M<sup>a</sup> Bernaldo de Quirós, Almaraz NPP Managing Director  
Topic: Almaraz NPP
- Fernando Micó, AREVA-Madrid Vice-President.  
Topic: What happened at Fukushima?
- Ignacio Araluce, WANO-Paris Managing Director  
Topic: Safety of Spanish NPPs
- José Carlos Antoranz, Professor of Medical Physics, Distance Education National University - U.N.E.D.  
Topic: Nuclear radiations Affairs

The agenda was designed to cover from the most basic points to the most controversial ones, as why renewable energies cannot provide power enough for all us nowadays.

The City Council kindly let us use the House of Culture as the venue, and the attendance was wonderful. Many supporters of the ecology groups in the area went to the conference. Even if they hadn't gone, most of the public would have been rather against the nuclear energy and the Almaraz NPP located near their homes. And that is the best thing! They went and listened to us anyway!

The speakers did not avoid any question, comment or remark, they were open and honest, just as a WiN is, and that was the trick: the people in Jarandilla, especially ecology group's members, were not totally convinced about every single point at the end of the day, of course, but after the conference we are almost 100% sure about the fact that they trust us much more now. They have been able to prove that people in nuclear industry are competent, reliable, nice, normal people after all so they feel more comfortable now... can you think of a better result?... The conference in Jarandilla was a success, without a doubt and WiN-Spain members are ready for the next conference in a town near a NNP.



Members of ecology groups at the entrance to the conference with WiN Spain vice-president, Marisa Gonzalez



Three of the speakers during the conference: Maribel Gómez, WiN Spain President (left), Ana Palacio, former Secretary of State (center) and Jose Maria Bernaldo de Quirós, Almaraz NPP Manager



The audience during the conference



## CELEBRATING SUCCESS

### WIN SWEDEN ELECTS NEW PRESIDENT



New president of WiN Sweden, Anna Borg,

“My initial task will be to continue the preparations for the WiN Global Congress, held in Kalmar, Sweden 28 May to 1 June, 2012”

University of Technology in Gothenburg, where she

graduated with a M.Sc. in Engineering Physics. Safety issues have been a key part in all of her roles, even if the last 15 years have been devoted to mainly the Human factors and Human performance issues.

Anna has been employed with KSU, ABB and Vattenfall. The last six years, however, she has been a consultant within her own company, BorgA Konsult AB. As a senior consultant she has built a solid network within the Swedish nuclear industry. Among her customers are some of the larger energy companies (Vattenfall and E.ON) as well as several of the nuclear power plants in Sweden. At the moment she is working as a Safety engineer at E.ON Nuclear Sweden AB. In parallel, she is the project manager of a research project for the Swedish radiation safety authorities.

She is looking forward to the coming years with much curiosity and energy. The first area of focus will be to implement a, rewarding and memorable Win Global Congress in Kalmar (May 2012) for all parties. After that she has the ambition to further strengthen the brand of WiN and ensure that the association can meet members' expectations so that the number of Swedish members continues to grow from today's amazing 309th.

### WIN GERMANY: 2011 PREMIERE FIRST WIN GERMANY AWARD WINNER

The WiN Germany Award has been awarded in 2011 for the first time. Germany has a number of female researchers and scientists in the nuclear fields with great talent and high potential. Unfortunately, these talented women and their achievements are not well known to the general public. For this reason, the WiN Germany Award was created.

In spring 2011 the announcement of the first WiN Germany Award was made public. The award application form was ready in time for the Annual

Conference on Nuclear Technology, held in Berlin in May 2011. Being the first such award, the excitement of all involved was tangible. How would the award contest be received? Would there be applications? Would it be recognized in the community? Would it be met positively? It was a then pleasant surprised to receive six applications from highly qualified candidates by the deadline at the end of September 2011.

Three candidates were selected from the submitted applications to make an oral presentation at the WiN Germany general meeting in Biblis on November 25<sup>th</sup>. This pre-selection was not an easy task, as all candidates' work was scientifically well-founded and the applicants were competent experts in their fields. Moreover, the nuclear issues to be addressed were, and are, of international relevance.

All three candidates' presentations in Biblis provided an interesting insight into various research areas and had an educational component for the audience. It was no easy task for the jury to select a winner. In a final roundtable discussion, including WiN Germany President, Beate Scheffler, a unanimous decision was made; Dr. Tonya Vitova became the first winner of the WiN Germany Award.



Although Dr. Vitova is only at the beginning of her research career, her curriculum vitae is already impressive. Her topic “Advanced synchrotron-based systematic investigations of actinide and lanthanide systems” covers the remarkable span between basic research and applied science. Her work will set a trend for future research into final storage of nuclear waste. In addition, she is already making a notable contribution to education of the next generation in nuclear science.

### WiN Canada

The Honourable Joe Oliver, Canada's Minister of Natural Resources, recently announced the appointment one of WiN-Canada's founding members, Ms. Rumina Velshi to the Canadian Nuclear Safety Commission (CNSC). Rumina has

---

been appointed a permanent CNSC member for a term of five years. She will serve on the seven-member Commission Tribunal, which makes decisions on nuclear regulatory matters including the licensing of major nuclear facilities. The CNSC is mandated to regulate the nuclear sector in Canada. It protects the health, safety and security of Canadians as well as the environment, and respects Canada's international commitments on the peaceful use of nuclear energy.



Rumina is a professional engineer from Toronto, Canada who has extensive experience in the nuclear sector. In particular, she held various positions at the director level with Ontario Power Generation, including in the New Nuclear

Build and Nuclear Generation Divisions. She also has significant leadership experience; she is a Member of the Board of Directors of Scientists in School and was recently Treasurer on the Board of Directors of Women in Nuclear Canada and Chairperson of the Employment Insurance Board of Referees. She holds a Master's of Engineering and a Master's of Business Administration from the University of Toronto.

### **WiN Europe**

WiN Europe is now one year old!



## **MARK YOUR CALENDARS**

### **2012 Election Nominations**

Nominations for WiN President and WiN Executives will be accepted beginning in December 2011 and continuing through January 2012.

### **Nominees for the 2012 WiN Award**

It is time again to start thinking about the 2012 WiN Award which will be presented at the annual WiN Global conference in Kalmar, Sweden. Nominations will be accepted through March 1, 2012 and you are invited to start the process with your Chapters and submit nominations.

### **WiN Executive Meeting**

Warsaw Poland, 1-5PM Sunday February 12, 2012.

### **WiN Board Meeting**

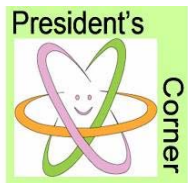
Warsaw Poland, 1-5PM Monday February 13, 2012.

### **PIME 2012**

12 - 15 February 2012, Warsaw, Poland

### **WiN Global 2012: May 28 to June 1**

WiN Sweden is proud to host the 20th WiN Global Congress in 2012 which will be held in a historical renaissance castle, Kalmar slott, in the town of Kalmar, Sweden, from May 28 to June 1, 2012. Executive and Board meetings will be held immediately prior to the May 28 activity.



2011 has been a very eventful year. WiNners have continually been at their best. Meeting multiple challenges and excelling at every turn. Our hearts remain with our colleagues in Japan. WiNners around the world have pledged to remain partners with them in working to restore confidence in the technologies we have found so reliable.

Nuclear fission will likely rank as one of the greatest discoveries of the 20<sup>th</sup> century. Nuclear technologies have opened amazing opportunities to improve the basic living standards of the world. As many WiNners have rediscovered in 2011, advances in technology also generate very real public fears.

WiN members remain committed to fulfilling our mission to put nuclear energy and nuclear safety in perspective through simple, factual, open and honest communication from a human viewpoint. We have found many opportunities to communicate and the WiN Spain article illustrates the spirit of WiN very elegantly. To quote:



*"The speakers did not avoid any question, comment or remark, they were open and honest, just as a WiN is, and that was the trick: the people in Jarandilla, especially ecology group's members, were not totally convinced about every single point at the end of the day, of course, but after the conference we are almost 100% sure about the fact that they trust us much more now. They have been able to prove that people in nuclear industry are competent, reliable, nice, normal people after all so they feel more comfortable now... can you think of a better result?"*

I can't think of any better result.  
As we reflect on 2011 I wish you all a very Merry Christmas and a Happy New Year!

Enjoy your day,  
Cheryl

Women in Nuclear Global, c/o World Nuclear Association  
Carlton House, 22a St. James's Square  
London, SW1Y 4JH, United Kingdom  
[www.win-global.org](http://www.win-global.org)