



Issue 39,1/2014(March)



Ljubljana

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HEADLINES

2014 WiN Global Annual Conference: 20-24 October in Sydney, Australia (See page 9).

WiN Global website is renewed and launched in January in 2014 (See page 9).

2014 the first WiN Global Board Meeting: held on 17 February in Ljubljana, Slovenia (See page 9).

2014 WiN Global Communication Workshop: held on 17 February in Ljubljana, Slovenia in conjunction with 2014 PIME (See page 9).



WHAT'S NEW?

2014 WiN Global Annual Conference will be held on 20-24 October in Sydney, Australia. The provisional programme is available on the WiN website.

2014 the first WiN Global Board Meeting was held on 17 February in Ljubljana, Slovenia.

2014 WiN Global Communication Workshop organized by WiN Europe was held on 17 February in Ljubljana, Slovenia in conjunction with 2014 PIME.

WiN ENEC-UAE has launched as a regional chapter in UAE

The 104th country members of WiN are from New Zealand.



THE WORLD OF WiN



WiN Bulgaria

WiN-Bulgaria took part at the Honey Day event

For the sixth successive time the Honey Day



event was organized by the State Enterprise Radioactive Waste. This year it was held on 14th and 15th February. Bulgarian WiNners assisted the organizers of this traditional holiday for the town of Kozloduy.

The president of WiN-Bulgaria addressed all the bee-keepers and producers of honey and other related products by emphasizing that bee-keeping is not only a branch of our economy, not only a business or hobby but it is essential for preserving our life and our planet and quoted Albert Einstein: *"If the bee disappeared off the surface of the globe, then man would have only four years of life left. No more bees, no more pollination, no more plants, no more animals, no more man."*

The event was attended by a famous Bulgarian prof. Hristo Mermersky who delivered a lecture on honey and honey products medical treatment and their applications. It is worth mentioning that the beekeepers who participated in the exhibition this year with their products were not only from the region of Kozloduy but also from other remote areas which means that the event is winning popularity.

We as WiNners had prizes and certificates for the participants and in the picture you can see the president of WiN-Bulgaria Mrs. Radkalvanova handing the certificate to Mrs. Petyalvanova who is not only a professional bee-keeper but a founder and chairperson of the Bulgarian national association of women beekeepers.

WiN-Bulgaria celebrated the Day of Maternal Care

On 21st January WiN-Bulgaria participated in the traditional celebrations on the Day of Maternal Care, organized by Kozloduy NPP at the Plant Medical Centre.



The president of WiN-Bulgaria Mrs Radka Ivanova and Dr. Petya Stoyanovska, an active member of WiN-Bulgaria, addressed the midwives Daniela Hristova and Diana Dobрева on their professional holiday and handed them presents and flowers on behalf of all the ladies in our organization with all the respect and appreciation for their work and commitment.



People and Communications are the Keys to our Future

WiN-Canada members joined over 750 Canadian and International delegates at the recent Canadian Nuclear Association Conference (CNA2014) from February 26 – 28, 2014 in Ottawa, Canada. The three recurring themes of the conference focused on people, communications and planning for the future.

People: With an aging population in the developed world and the enhanced global mobility of modern-day professionals, speakers such as demographics expert Dr. David Foot and Bruce Power's President and CEO, Duncan Hawthorne, stressed that the nuclear business is a people industry. We are going to have to focus on strategic workforce planning to continue to attract and keep top talent in Canada's nuclear and uranium sectors.

Communications: In line with WiN-Global's objective to help the general public become better informed about the benefits of nuclear and radiation applications and its high standards of safety that ensure the protection of people and the environment, many speakers at the conference took the time to stress the importance of

improving our communications strategies with both the government and the public. Working closely with other nuclear leaders, WiN-Canada is posed to play an integral part in leading the industry's communications strategy in the months and years to come.

Planning for the Future: A variety of speakers on topics such as Small Modular Reactors (SMR), nuclear safety, nuclear waste management and international growth potential, all focused on the challenges and opportunities ahead of us. A number of speakers stressed that we should not let short-sighted obstacles stand in our way when planning for the future growth of the nuclear industry.

Two other highlights from the CNA2014 conference included:

- a presentation by physics wunderkind Taylor Wilson who astounded the science world when, at age 14, he became the youngest person in history to produce fusion; and,
- the screening of Pandora's Promise, the ground-breaking new film by Academy-Award®-nominated director Robert Stone which features several prominent environmentalists who once rallied against nuclear power, but have since come to see it in a different light. Featured in the film was CNA2014's speaker Gwyneth Cravens, who is also the author of Power to Save the World: The Truth About Nuclear Energy.

Finally, the biggest success of the CNA2014 conference was the 22 new WiNners who stopped by our tradeshow booth and signed up for membership with WiN-Canada. Welcome!

What's your role in the nuclear puzzle?

We are pleased to announce that our 2014 WiN-Canada Annual Conference has been set for September 21 – 23, 2014 in Saint John, New Brunswick, Canada. The theme of the 2014 conference is: ***Different Role – Common Goal:***

Understanding why you are a key piece in the nuclear puzzle. There are over 60,000 people working in the jobs related to the nuclear industry across Canada. As we get caught up in the day-to-day details of our jobs, it is sometimes hard to realize the important role each person plays in forming the larger picture. Therefore, the focus of our 2014 conference will be reminding our WiNners that they are vital to our industry's success. As this will be WiN-Canada's first visit "down east" for our conference, our planning committee is working hard to ensure that we enjoy the unique flavours and culture of Canada's East Coast. One feature highlight for WiNners will be the tour of Point Lepreau Nuclear Generating Station. As with any WiN-Canada national event, WiN-Global members are always welcome and we hope to see you there! For more information visit our website at www.wincanada.org.



(CNA2014 Conference)– WiN-Canada members Anne Giardini and Shelley Rolland-Poruks welcomed new WiNners at our tradeshow booth at the Canadian Nuclear Association's Conference



WiN France celebrated its 20th anniversary on December 12, 2013 during the ceremony of the 2013 Fem'Energia Award at the Grande Halle de la Villette, Paris. WiN France is one of the founding chapters of WiN Global. More recently WiN France was strongly involved in the creation of WiN Europe. WiN France has more than 500 members (women and men). Each year a WiN France award is presented to a woman who plays a prominent role towards women (especially young ones) in activities related to nuclear, such as communication, teaching, managing, ... The WiN France award 2013 was presented by Malgorzata Tkachenko, 2012 winner and godmother of the 2013 award to Danièle BUTET, Head of the school Montereau (77) who has worked for many years for the development of scholar curricula to provide opportunities for young people in the nuclear business, in close collaboration with industrial partners.



From left to right; D. Butet, D. Mouillot and M. Tkachenko

On the same occasion, the "coup de coeur" award was presented by Dominique Mouillot, WiN France President, to Bernard Jolly for the constant support he brought to WiN France throughout his tenure as General Delegate of the French Nuclear Society and has steadily accompanied the development of WiN France.



B. Jolly and D. Mouillot

The fifth fem'Energia award ceremony took place in Paris on 12th of December.

Since 2009, the Fem'Energia Award aims to promote the place of women in the nuclear field. This award has been created jointly by WiN France and EDF. Both WiN France and EdF are convinced that the nuclear jobs are often seen as "men's job". The nuclear field would benefit by welcoming more women in its sector. Fem'Energia award featured young women and women who promote gender development in their commitment for the nuclear sector.



Group photo of the laureates and nominees.

The applicants have to belong to one of the five following categories:

1. **Bachelor**
2. **Graduate bachelor +2 or 3 years**
3. **Master or PHD**
4. **Working Women (in France)**
5. **Working Women (in Europe)**

This year the award for a working woman in Europe was presented to **Dorina Zotica** from **Romania**. Dorina is working at Cernavoda. She is Performance Monitoring superintendent. The nominee was also coming from Romania: **Ioana**

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Livia Public relation specialist working in Nuclearelectrica SA.



Mentoring Programme



WiN Mentoring Workshop, as a part of the Mentoring Programme was held on 15 March in Daejeon, Korea. Mentors and mentees met each other in the workshop. Most mentors are members of WiN Korea, and mentees are university students and female nuclear personnel. There were presentations on the participation motivation, mentoring activities, and making mentorship agreements. In addition, there was an invited lecture on successful mentoring and efficient operating methods for the mentoring programme by Dr Seongjin Ju from the National Defense and Science Institute.

WiN Korea has been operating the "WINK Mentoring Program" for 4 years to cultivate female nuclear personnel and to help university students for their future jobs in the field of nuclear energy. It also maintains close relationships through a customized mentor & mentee matching system, considering various conditions such as major and field of interest, and conducts continuous mentoring activities including career coaching and development through regular on/off-line meetings. In particular, the programme has been mentoring career development for female personnel who are already working in the nuclear-related institutes.

Nuclear Communication Workshop

WiN Korea will hold the "Nuclear Communication Workshop" on 28 May in conjunction with the

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“2014 Korea Nuclear Society Spring Conference” in Jeju Island, Korea. In this workshop, many specialists from nuclear organizations will attend and diagnose and find solutions to problems for effective communication under the theme of “Will nuclear communication be ok as it is now?” Five speakers will give presentations on the problem of and need for nuclear communication in Korea, and discuss a strategy for nuclear communication and scientific access after the Fukushima nuclear accident.



WiN Sweden

Stakeholder dialogue on new nuclear in Sweden

After a long period where new nuclear was banned, the Swedish parliament changed the law in 2011. New reactors can be built, but only as replacement of existing ones that are being shut down. Sweden built twelve reactors in a short period of time – all of them were taken into operation between 1972 and 1985. The oldest ones are likely to be taken out of operation during the mid-2020’s and all of them are expected to be closed between 2035 and 2045. Vattenfall, being the largest energy company in Sweden, runs seven of the ten reactors that are into operation today. Vattenfall now analyses the possibilities to replace one or two reactors with new ones. Mats Ladeborn, head of Nuclear

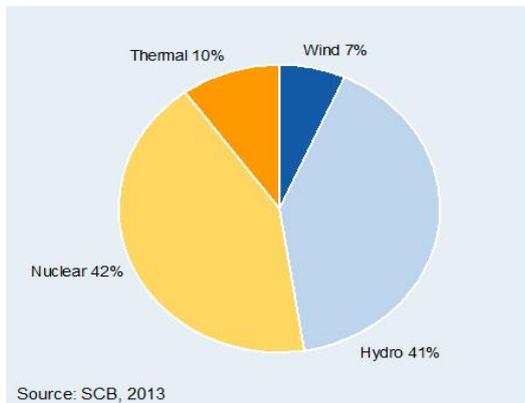


Figure 1: Nuclear power accounts for around 40 % of Sweden’s total electricity generation today and it is important to decide how to fill that gap when the reactors are being closed down due to old age.

Development at Vattenfall, explains “Although the society is becoming more and more energy efficient and although we expect a large expansion of renewables, we believe that there will be a lack of electricity when our reactors are closing down. It is likely that the energy system will continue to need generation of electricity with high availability that can be planned well in advance. Vattenfall therefore investigates if nuclear is an option for such base load”.

An important part of Vattenfall’s analysis is to understand the society’s requirement on a new nuclear power plant. Vattenfall has therefore commenced permitting processes in order to investigate if it is possible to get all necessary permits and – if permits are granted – to get a clear view of what conditions that will be connected to the permits.

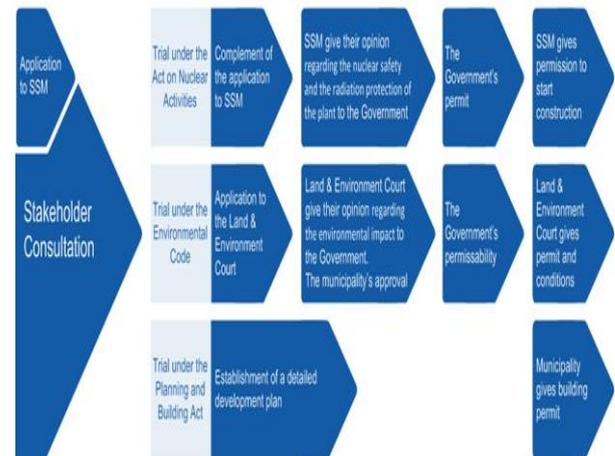


Figure 2: A nuclear power plant needs a number of different permits according to Swedish legislation. In the end it is a political decision if nuclear new build will be allowed or not.

A nuclear reactor is licensable according to the Act on Nuclear Activities. The permit is issued by the Government, but the Swedish Radiation Safety Authority prepares the case and the authority must approve all important steps during the construction and commissioning phases. A nuclear power plant also needs a permit according to the Environmental Code. The examination is performed by the Land and Environment Court, but the permissibility is decided by the Government. A prerequisite is the Municipality’s approval. The Municipality must

also establish a detailed development plan allowing a nuclear power plant.

As an important step in the permitting processes, Vattenfall initiated stakeholder consultations in January 2014. Authorities, organizations, neighbours, the public and neighbouring countries are invited to participate in the consultation which shall comprise the location, the plant itself and the anticipated environmental impact. Comments received during the consultation give valuable input to the Environmental Impact Assessment, which will be part of the application documentation. Vattenfall expects a wide range of stakeholders to participate in the consultation and foresee that a number of important questions will be raised during the consultation which is expected to continue for a couple of years.

Marie-Louise Olvstam, WiN Sweden, Legal Counsel at Vattenfall AB and responsible for the stakeholder dialogue, marie-louise.olvstam@vattenfall.com



US Women in Nuclear Brings Girl Scouts Workshop to the Community



On Thursday, February 6, 2014, the Westinghouse WiN Pittsburgh chapter of US WIN brought our “Girl Power-Nuclear Power” workshop to 35 Girl Scout Juniors and 6 accompanying adults at the Eden Hall Upper Elementary School in Gibsonia, Pennsylvania. This was the first time we delivered our workshop, usually held at Westinghouse Headquarters, to the community. The workshop began with a Safety Brief and Welcome by Debbie Pillar and a Nuclear Power Overview by Lori Deem Schmidt and Monica Ivey.

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The Westinghouse team, which also included Lisa LaBate, led the Girl Scouts through various activities. The Scouts obtained hands-on experience building a candy “nuclear reactor” and each girl estimated her radioactive dose from everyday life; some were surprised at their results! The Scouts were very engaged, asking many great questions and prizes were given out. Every girl was a winner though because they each received a gift bag that included a custom designed Nuclear Power-Girl Power Fun Patch to sew on their Girl Scout uniform.

We followed the February 6 presentation with a presentation to 10 girls and 2 accompanying adults at another local troop on Tuesday, February 18, in Cranberry Township. Prizes were awarded for the least and most “radioactive” girls! And of course, each girl received a Nuclear Power-Girl Power Fun Patch.

Because of the positive feedback from these two presentations, we’ve received 8 inquiries from local troop leaders requesting we present to their troops as well. We are holding a training session for potential volunteers in our membership so we can continue this experience and we look forward to reaching even more girls and troop leaders in the coming months.

Woman in Leadership Conference



The Institute of Nuclear Power Operations (INPO) held its first Women in Leadership Conference on January 16, 2014 at the Cobb Energy Center in Atlanta, GA. Approximately 110 attendees shared information on career building, work life balance, and the power of mentoring. The audience was predominantly comprised of INPO women from every company profession with a plethora of educational backgrounds, some male

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managers, and members of the senior leadership team. Three panels discussed topics on career lessons learned and updates from company leaders on what is happening in various divisions. Our keynote speaker, Becky Blalock, former Senior Vice President and Chief Information Officer of Southern Company abundantly shared her straight talk on confidence, courage, and career for women in charge from her book DARE. Professional headshots were an added attraction. Feedback from the attendees was overwhelmingly positive. All of the attendees stated that they learned useful tips and heightened perspective to incorporate into their personal and professional life. Kim Maza, VP, Industry Trends and Organizational Learning challenged all of the attendees to further strive to be their best as our industry undergoes continual change and scrutiny.

Leadership Cohort

The Institute of Nuclear Power Operations (INPO) 2013 WIN Professional Development Cohort began with about 20 members representing every strata of our organization. Throughout the year, ElisabetDennehy, President, Rodriguez and Associates, was onsite every other month for a full day of leadership training on topics that included Leading by Influence, Distinguishing Leadership from Management, Networking, Stress Management, and Generations at Work. Each topic was accompanied by an activity for attendees to develop and implement personal action plans. We also discussed various books and articles recommended by Elisabet. Topics included, but were not limited to, assertiveness in a male dominated work environment, professional appearance, how to change one's perspective, and the importance of listening skills. Following the group presentations, she conducted one-on-one consultation based on individual-specified topics pertinent to individual's needs such as identifying personal professional goals, or analyzing and improving one's first impression or presence in every walk of life.



CELEBRATING SUCCESS

Nuclear Women's Empowerment



A member of WiN-Korea, Dr. Yeongok Lee was appointed as Director of the Nuclear Energy Instrument Safety Center at the KEPCO E&C. This is the first time that a woman has been appointed to a high-ranking position in this organization.



Another member of WiN-Korea, Dr. Youngmi Nam was promoted as Director of the Nuclear Training & Education Center of Korea Atomic Energy Research Institute (KAERI). She holds the highest position among the female staff members at KAERI.

WiN Taiwan – First Female Director in Taiwan's Nuclear Regulatory Agency



On January 16th, Shin Chang, the seventh (2006~2008) President of WiN Taiwan, was named Director of the Nuclear Regulation Department at the Atomic Energy Council. This is the first time a female employee made it to a director position in AEC's 59-year history. Shin was also the first female recipient of a Ph.D. degree from the Nuclear Engineering Department of the University of Illinois at Urbana-Champaign. Since joining the AEC in 1992, she had held several positions of increasing responsibilities, in license review and regulatory oversight of nuclear power plants, all in the Nuclear Regulation Department. Prior to becoming Director of the Department,

she was promoted to NRD's Deputy Director in August 2011. The main responsibilities of the Nuclear Regulation Department are licensing and enforcement of safety regulations for the design, construction and operation of nuclear reactors and other nuclear facilities. Assessments of safety enhancements based on Japan's Fukushima Daiichi experience as well as regulatory activities of Taiwan's two ABWR units under construction are at the top of Director Chang's list of primary near-term missions. Please join us, Taiwan WiNners, in congratulating Dr. Chang on her promotion and wishing her continuing success!



MARK YOUR CALENDARS

2014 WiN Global Annual Conference: 20-24 October 2014, Sydney, Australia

WNA Symposium 2014: 10-12 September, London, UK

2014 IAEA General Conference: 22-26 September, IAEA, Vienna, Austria



President's Corner

2014 WiN Global Annual Conference

It will be held on 20-24 October in Sydney, Australia. The provisional programme is loaded on the website: www.win-global.org

Plenary Session Themes

- Broader Considerations of Nuclear Technologies
- New Developments in Nuclear and Radiation
- Engaging with the Public, Government and Media on Nuclear
- Country Chapter Reports

Poster and Technical Session Topics

- Nuclear Design, Operations, Engineering and Maintenance (incl Fuel Cycle)
- Non-proliferation, Security and Safeguards
- Medical and Health Applications
- Mining, Industry, Environment, Research and Other Applications
- Community Engagement, Education and Communication Activities

WiN Global Website Renewal

The website has been updated and re-launched on 12 January 2014, after it was initially launched in September 2013. Work has been carried out to improve functionality.

2014 the first WiN Global Board Meeting

The meeting was held on 17 February in Ljubljana, Slovenia. There were 18 attendees from 14 chapters (France, Finland, Germany, Hungary, IAEA, Korea, Poland, Slovenia, South Africa, Sweden, Switzerland, Turkey, UK and USA).

2014 WiN Global Communication Workshop

In conjunction with 2014 PIME the workshop was held under the topic of "Safety and Security" on 17th February 2014 in Ljubljana, Slovenia. Three speakers, Annick Carnino (France), Vesselina Rangelova (IAEA) and Bonnie Forster (Netherlands) were presented. Their presentations are open to WiN members via the WiN website: www.win-global.org

WiN ENEC-UAE has launched

A regional chapter in UAE, WiN ENEC-UAE has launched (Chairman: Hasna Yousef Al Blooshi, and Vice Chairman: Sezin Uzman).

The 104th country members of WiN

New Zealand has become the 104th WiN member country. We welcome all our new members from New Zealand.

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