



HEADLINES

WiN GLOBAL STRATEGIC PLANNING COMMITTEE HOLDS 2ND MEETING

The Strategic Planning Committee held its second meeting the 28th and 29th of October. The Committee has made significant progress in working to construct a plan that will set the direction for the future of WiN. Hosted by the Chair of the committee, Irene Aegerter (WiN Switzerland), near Zurich, Switzerland. WiNners from all around the world attended.



In the initial meeting, the Committee identified 4 main elements for the Strategic Plan:

- Organization
- Communication
- Benefits
- Development

The Strategic Planning Committee has dedicated themselves to ensuring that each element is properly defined in light of the recently updated WiN Vision, Mission, and Goals and Objectives.

Communication was the primary focus of the 2nd meeting. The Committee agreed that WiN needs to be seen as a source that is credible, knowledgeable, and engaged in communicating on nuclear technologies. WiN communication needs to be able to be inclusive of everyone who is employed in the nuclear industry.



Building trust is one of the corner stones of what WiNners have to achieve, both in WiN and in the wider nuclear arena. The more facts you can give, the greater the support can become, but there is a balance. WiNners need to ensure that the audience is able to process the facts. The audience needs to know that you have knowledge of and believe in what you are saying. WiN brings a unique voice and unique perspectives. There are others who have the same facts but a different interpretation - WiN members need to establish trust with their target audiences. Communication forms the foundation for the creation of trust and must be compelling, consistent, constant and credible.

A key requirement of the communication element of the Strategic Plan is that WiN needs at least one advocate in each company or arena of interaction. This must be a person who is truly passionate about nuclear technologies and about WiN. The person must be able to effectively communicate the messages of WiN to others. The actions in the communication element will work to enable this voice to reach out to many different audiences.

The October meeting developed an outline for each element, determined priorities, and has outlined associated actions which will be followed up by Committee members. The plan will include short-term and long-term actions to ensure that objectives are met. The plan is viewed as a living document and will include recommendations for periodic reviews and updates.



The Committee will conduct a workshop to introduce the Strategic Plan elements during the WiN Board meeting at PIME 2009.

If you would like more information about the WiN Strategic Plan or Committee efforts please contact the Committee Chair, Irene Aegerter (Switzerland).

MASS MEDIA ON NUCLEAR: THE AMBIGUITY OF WORDS

In the most recent issue of WiNFO (Issue 18, 3/2008), the significance of communication in nuclear was underlined. In France for example, the words used in the nuclear area are technical terms, created by experts with a concern for accuracy without taking into account the level of understanding of the general public. Some terms even mobilize phantasms, create perceptions that have no basis in reality or feed anxiety.

For example: the term «fuel **reprocessing**» is a modern term and a technical process. In this meaning, it is relatively positive. But the prefix «**re**» of **reprocessing** is not easy for an uninformed public to understand and evokes a double operation, a «**second**» hazy treatment.

On the other hand the term «**recycling**» belongs to the daily life of each of us and is very positive in the environmental area. It is well understood and adds positively to the goal of saving energy.

The expression «**geological storage in depth**» associates a rational aspect «**storage**» with «**depth**» that has connotations that cause worry: mysterious, dark, underground, unlimited...

«**Irradiated fuels**» associates a familiar term «**fuels**» and a concept of irradiation causing anxiety,

«**Transmutation**» is a term with potential for imagery related to alchemy or magic. That makes one think to play at being God!!!!

Other words like «radioactivity, neutron, proton, core, fission... do not pose a problem. They require some human effort and a working knowledge of current reality.¹

You remember the PIME Award for communication (February 2008) granted to Covra and its waste facility in Habog (Netherland): « Habog – an interim store for high-level radioactive waste- features a bright orange exterior...the waste inside Habog is planned to remain there for 100 years, during which time its radioactivity will decrease through decay . This process is symbolized by the color of the building's exterior, which is to be repainted every 20 years in lighter and lighter shades of orange until reaching white.² »

A good vocabulary is easily accessible:

- Avoid the accumulation of negative elements: «radiotoxicity of irradiated fuels»

¹ B. Freiman BWM Conseil Revue Générale Nucléaire Octobre 2004

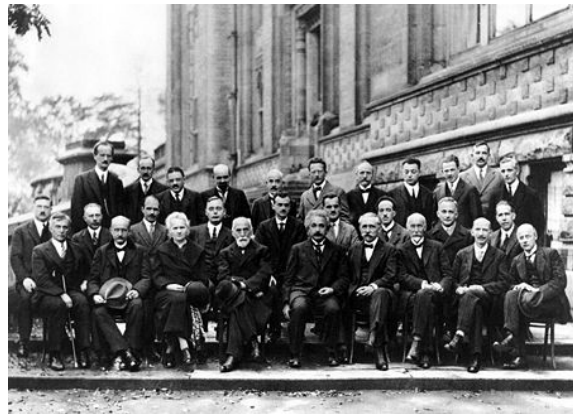
² http://www.world-nuclear-news.org/Award_for_beautiful_waste_facility_120208.html

- Simplify words while not misusing prefixes such as «**reprocessing**» that may not be clearly understood by your audience.

- Replace terms like «waste» each time as possible and practical by a more descriptive word or group of words such as «spent fuel or exhausted fuel»³

International collaboration in scientific fields is most important to help understanding and to improve the use of words. Guy Laval, a physicist and a specialist in plasmas, was in charge of the study of nuclear fusion in the 1960s. He emphasized that often difficulties were overcome when starting from the comparison of experiences at the international level. For instance, in Trieste, about 1960, all the ideas were debated in the most absolute freedom in a meeting of American, Canadian, Russian, European, Indian... physicists.

Even at the start of the nuclear age at the beginning of the 20th century, scientists in physics and chemistry from various countries met at the Solvay Congress (1911). There they recognized significant progresses in quantum mechanics (see picture vintage 1927) including contributions from women in nuclear. Today's WiNners will recognize Marie Curie.



In the picture you can see; Standing: A. Piccard, E. Henriot, P. Ehrenfest, Ed. Herzen, Th. de Donder, E. Schrödinger, E. Verschaffelt, W. Pauli, W. Heisenberg, R.H. Fowler, L. Brillouin, Sitting in row 2 :P. Debye, M. Knudsen, W.L. Bragg, H.A. Kramers, P.A.M. Dirac, A.H. Compton, L. de Broglie, M. Born, N. Bohr, Sitting in row 1 :L. Langmuir, M. Planck, M. Curie, H.A. Lorentz, A. Einstein, P. Langevin, Ch. E. Guye, C.T.R. Wilson, O.W. Richardson

If you have comments or would request additional information on this article please contact Anne-Marie Goube (France) am.goube@wanadoo.fr

³ Quoted from Dominique Mouillot President WiN France

WIN GLOBAL MEMBERSHIP - WHO AND WHERE

Within the WiN Global Board there is an International Executive Committee with no fewer than eight and no more than fifteen members, including the WiN President. The Charter requires that there should be equitable geographic representation from the global organization on the Executive Committee. There are currently thirteen members of the Executive Committee including:

Irene Aegerter (Switzerland)
Cheryl Boggess (United States, WiN President)
Susan Brissette (Canada)
Evelyn Yi-Ju Chen (Taiwan)
Keiko Chitose (Japan)
Nelida Del Mastro (Brazil)
Xuehong Liu (China)
Ntebatse Matube (South Africa)
Dominique Mouillot (France)
Se-Moon Park (Korea)
Maria Luisa Perez-Griffo (Spain)
Käthe Sarparanta (Finland)
Gabriele Voigt (IAEA)

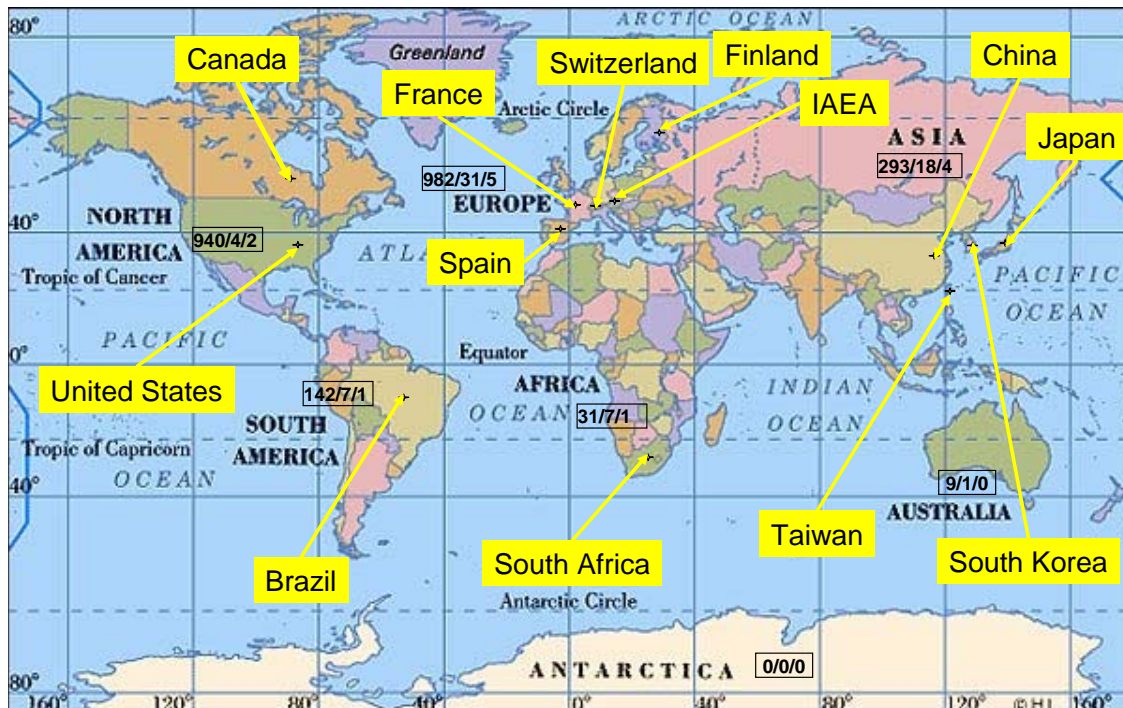
To enable the Executives to ensure that the members of WiN have equitable geographic representation a demographic study of the WiN

membership was performed. The information considered included the distribution of WiN members on the seven continents; Africa, Antarctica, Asia, Australia, Europe, North America, and South America.

The number of members, chapters, and Executives was counted as of the official membership of WiN on 30 August 2008. This information is illustrative on the world map included with this article. At that time there were 2397 WiN members in 68 different chapters, announced countries, or independent international agencies. Since the study was completed four countries and 62 members have officially been added to the membership and WiN continues to grow.

The Executives have determined at present that the world wide membership of WiN is equitably represented by the current International Executive Committee.

If you have any questions, comments, or would like more information please contact the WiN President Cheryl Boggess.





WHAT'S NEW?

2008-2009 WiN CHARTER UPDATE

The Strategic Planning Committee as part of their initial activities reviewed the WiN Charter and asked several questions. Is the charter still valid and credible? Should women be emphasized? Is the choice of descriptive words accurate in the Mission statement? How do we ensure that the Charter translates correctly into the various cultures that compose WiN? Are we inward or outward focused? How do we deal with people who become members – what do we offer them?

As a result several items were noted by the Strategic Planning Committee that would enhance and expand the meaning of the current WiN Charter to reflect the WiN of today. The recommended clarifications were presented to the Executives and then to the full Board for a vote of acceptance. The changes were endorsed by the Board in October 2008. Acceptance of the changes will be formally requested during the 2009 General Assembly as required under the provisions of the existing approved Charter.

If you have any questions, comments, or would like more information please contact your Chapter Board Representative or the WiN President.

WiN PARTICIPATION PERFORMANCE METRICS

The WiN Executives reviewed participation on recent Board actions and as a result have set a goal for participation of Executives of 90% and Board of 75% for all votes, conference calls and meetings. Tracking of items will be the responsibility of the WiN President, will be tracked yearly and will be published on a regular basis.

If you have any questions, comments, or would like more information please contact the WiN President.

MESSAGING COMMITTEE TOR APPROVED BY WiN GLOBAL BOARD

The Terms of Reference (TOR) for the Messaging Committee recently received unanimous approval from the WiN Board. To enhance the credibility of WiN, progress in the Objectives that have been set and be recognized as thought and action leaders, it is very important that the Members of our expanding organization convey the same key messages and provide fundamentally similar responses to questions or even to criticism. For this reason the Messaging Committee was created.

The Role of the WiN Messaging Committee as detailed in the TOR is to compile a library of factual, open and honest messages that can be used by WiN Members throughout the world when communicating on the various aspects of nuclear technologies and applications. Specific messages shall be developed to respond to identified needs, topics, and audiences. The Messaging Committee will work in close collaboration with other WiN Committees. All work shall be aligned with the WiN Global Charter and By-Laws. The full scope of responsibilities of the Committee is contained in the TOR including an outline of the committee organization, definition of target audiences, and process for completing objectives.

If you have any questions, would like more information, or are interested in participating on the WiN Messaging Committee please contact the Committee Chair, Dominique Mouillot (France).

GOING GREEN?

As a “green” energy source, many nuclear based energy companies are putting actions in place to meet objectives for a green operating environment. If you or your company are doing this how about using our WiN network and share your ideas and good practices with other WiNners. Just send any information, articles, or other items on your activities or information sources to Cheryl Boggess (boggesc1@westinghouse.com) or Isis Stafford (stafford@world-nuclear.org) and let’s see just how “green” WiN is.



THE WORLD OF WIN

WiN-CANADA TRADESWOMEN DEBUNK MYTHS ABOUT WORKING IN NON-TRADITIONAL ROLES TO YOUNG WOMEN

WiN-Canada members have been busy this fall providing mentorship at Skills Work! “For Women Networking Dinners”, in Port Elgin and Durham, Ontario. Fifteen mentors from the nuclear industry participated in these inspiring career exploration events, intended to foster a positive environment in which young women in grades 9 to 12 have an opportunity to meet and network with tradeswomen from their own community.

Over the course of the evening, many of the myths surrounding women working in non-traditional roles were debunked. Benefits associated with skilled work such as independence, travel opportunities, high salaries and low post-secondary debt were also discussed. The mentors shared advice, “Think of these as skills, not masculine skills” and “If you get your ticket – the world is yours”, with the young women in attendance.

Each of the Mentors provided an introduction to a wide variety of careers for these young women to consider. The women from the nuclear industry came from backgrounds as nuclear operators, electricians, iron workers, mechanics, millwrights, welders, engineering technicians, training technicians and civil maintenance.

Encouraging young women to consider professions in trades and technology couldn't come at a better time. Current projections are for as much as 51 percent of baby boomer trades workers are set to retire in the next ten years. At present, women account for only nine percent of registered apprentices in Canada, but with over 1,000,000 vacancies opening up by 2015 there are many opportunities for today's young women. The nuclear industry alone is looking to employ many of these skilled workers to support future plans with new build and refurbishments.

Skills Canada – Ontario is a not-for-profit organization dedicated to the promotion of careers in the skilled trades and technologies as viable, first-choice career options for young people in Ontario. WiN-Canada is proud to partner with Skills Canada Young Women Networking Dinner and Conference events.



For more information about this article or WiN-Canada visit www.win-canada.org and Skills Canada at www.skillscanada.com or contact Cheryl Cottrill.

WiN FRANCE ANNUAL MEETING

The WiN France Annual General Meeting was held on 21 October 2008 at CEA in Saclay. Chaired by WiN France President, Dominique Mouillot, it was well attended by both the WiN France regional leaders and general members. WiN France is very pleased to announce that the number of our members continues to increase. Currently at 232 members, WiN France has seen an increase of 38% over the last year and doubled over the last 4 years.

2008 was extremely full and successful for WiN France. The main event, of course was the 16th WiN Global conference in Marseille in May. Other notable achievements include:

- The creation of a brand new website: <http://win-france.fr> featuring the WiN Global colors and more interactive with sections devoted to careers, conferences, current developments in the nuclear world and portraits of women working in all fields of nuclear technologies.
- The continued development of contacts and the signing of partnerships with some of the France's most prestigious engineering and business schools with the aim to attract young students, especially women, to careers in the nuclear field. Actions include mentorship where young students, particularly those who meet with difficulties in their first year, benefit from the support of “godmothers”, sponsorship for training scheme placements and support and assistance for professional insertion. To date, partnerships have been signed with the INSA of Lyon and the ENSAM of Aix en Provence, and many events and common projects are underway; other contacts are in progress.
- The creation of “Trajectoires”, a regularly published magazine that includes career opportunities, job offers and thesis subjects for students from a number of the leaders in the French and international nuclear field

WiN France goals for 2009 are ambitious. In actions to find solutions for the renewal of competences, WiN France will continue collaboration with the top Human Resource Management of EDF to promote career vocations, and finalise the project for the creation of the WiN/EDF award which we have named "Energia". With the creation of the WiN France regional sections we will continue to search for partners with graduate schools, organisms and research centers. WiN France will continue to develop and expand network interactions by encouraging new partnerships, aiming for greater variety among members and focusing on the younger generation.

If would like more information please contact WiN France President Dominique Mouillot.

WiN GERMANY



NEW WiN CHAPTER IN GERMANY

Since October 1st, 2008 Women in Nuclear has a new chapter in Germany!



The German Chapter is comprised of women working in the fields of nuclear technology, radioprotection or nuclear medical applications. 20 women met in Berlin on November 11th, in order to co-ordinate their future activities and establishing their internal organizational structure and strategic goals. Working groups in the field of media contacts, participation at conferences, networking and design of their website have been established. WiN Germany has 43 members.

It is the aim of WiN Germany to communicate topics on nuclear technology and nuclear safety in an objective, transparent and honest manner. The goal is not only to transfer factual knowledge but add a human factor to communication. Ethical values and personal feelings shall be covered equally to economical and technical questions related to nuclear energy. The overall consensus was that the aim is to balance emotions and facts.

For more information about WiN Germany please refer to www.women-in-nuclear.de.

WiN HUNGARY

Congresswomen of the Hungarian Parliament declared their support for nuclear energy and the building of new units at Paks.

In November WiN Hungary hosted a group of congresswomen and other women and men working at the Hungarian Parliament at the Paks Nuclear Power Plant. The guests were greeted by Kovács József, the Executive Director of the plant, who welcomed the guests on behalf of WiN Hungary President, Kissné G. Ludmilla.



During their visit the guests toured the main control room and the Unit 4 reactor hall. On the walk-around several questions were asked and great conversations developed. There were also three presentations in which the visitors received information about the work and the purpose of WiN, the

operation and the future of the power plant with emphasis on safety, and the question of lifetime extension and new units.

The congresswomen had the opportunity to see the advantages of the nuclear energy with their own eyes and agreed that the information they received will help them educate their constituents accurately on nuclear energy. The head of the Department of Education and Innovation at the Ministry of Environment Protection and Water Conservancy stressed the importance of nuclear energy in that it is environment friendly and doesn't pollute the atmosphere.

To quote the Chairwoman of the Committee of Youth, Welfare and Family, *"Just as the Parliament had given its consent earlier to the lifetime extension of the power plant, now we can similarly support the building of new nuclear units with a clear conscience."*

"This visit has convinced us", said the Chairwoman of the Committee of Local Governments *"that we must support the future use of nuclear energy in the national energy concept to greater extent."*

"The presentations we heard here today were exceptional and very convincing", said the Congresswoman of Fejér County who is a member of the Consumer Protection Committee, and was visiting Paks NPP for the first time.

This was echoed by the Congresswoman of Tolna County who said that *"this program was a great help in defending relevant decisions."*

"It is good to see, how much a women's organization can do for the safety of workplaces, and for the environment conscious education of the youth", declared a member of the Education Committee.



At the press conference the visitors declared that they didn't participate on this program as members of the "nuclear lobby" but based on the information received at Paks they can honestly and genuinely support the use of nuclear energy. As their leader, the Chairwoman of the Committee of Youth, Welfare and Family emphasized, *"the fear from nuclear energy is disappearing and the congresswomen are able to politically support the building of new nuclear units at Paks"*.



Press Conference - The Congresswomen and WiN Hungary

The visitors unanimously declared their support for the nuclear future of Hungary and the expansion of Hungarian nuclear capacity as they invited WiN Hungary to bring their presentations and expertise to their constituencies. All participants agreed that the cooperation between WiN Hungary and the members of the Hungarian legislation will continue.

If you would like more information on the symposium or WiN-Hungary please contact WiN Hungary Secretary Réka Kristó.

WIN JAPAN

Understanding the High Level Waste Problem and How it Relates to you

WIN-Japan held an International Citizen's Forum under co-sponsorship with the Society and Environment Division, Atomic Energy Society of Japan on October 18, 2008, in JA Hall, Tokyo, Japan. The theme of the forum was "Think together about nuclear waste toward the solution of a repository site selection". The objective of this forum was to advance the selection of the High Level Radwaste (HLW) repository site in Japan. Like other countries, the Japanese government and the nuclear industry have an important challenge in choosing a repository site for HLW. It is most important to point out that making choices does not only include national and local governments but also the people themselves. People need to be more vocal and more motivated to take action on the issue of HLW so everyone can work to have a more liveable and modern life.

WIN-Japan extended an invitation to respected panellists in the HLW field from WIN-Korea, WiN-France, and WiN-Finland. Thanks to the cooperation of those WiN chapters, WIN-Japan was able to invite Ms. J.Y. Kim from Korea, Ms. M. Palmu from Finland and Ms. C. Fillet from France. In addition, Dr. T. Issacs from the United States and Mr. M. Futakuchi of Nuclear Waste Management Organization in Japan were also invited to this forum.

The panellists delivered an excellent series of lectures followed by a panel discussion and question and answer session facilitated by Dr. M. Mayazaki, Professor of Chiba Business University. All the lectures were very informative and full of suggestions.



The more than 200 people in the audience received very practical information about the HLW situation around the world and in Japan. The attendees gained a lot of inspiration for future action.



WIN-Japan also made a film interviewing Mr. Tajima, former Mayor of Toyo-cho, Shikoku Island district. A local referendum was held in this district to consider the repository issue. Mr. Tajima was a supporter of investigating the repository and was defeated by an anti-Nuke candidate in the 2007 election. Mr. Tajima talked about his experience supporting the location of the repository site investigation in Toyo-cho.

The audience expressed much appreciation for this forum and requested holding the same kind of program in other locations in Japan.

If you have any questions, comments, or would like more information on the HLW issue in please contact Junko Ogawa 4th WiN President and WIN-Japan President.

WIN KOREA ANNUAL MEETING

“2008 Symposium on Nuclear with Women *Nuclear Energy for Healthy Life*” the 5th annual symposium organized by WIN-Korea was held at the National Assembly Hall in Korea on 23 September 2008.

The symposium was a great success with diverse attendees of more than 200 people in two groups; one is nuclear people from the WIN-Korea, the Women Interested In Nuclear and some nuclear industries, the other is non-nuclear people from the Consumers Union of Korea, the Korean Federation of Housewives Clubs, the National Council of Homemakers' Classes, such as the Korea Consumer Education Center members, the National Assembly and mass media.



The opening address was given by Hong Sung-Woon, the President of WIN-Korea and the welcome speech by Suh Sang-kee, the

Chairman of the Digital Forum of the National Assembly in Korea. The symposium was presented in three main sessions; the key presentations were on nuclear medicine, a special presentation on how we can prevent against cancer, and a panel discussion.

The three key presentations were; first, 'nuclear power and health' by Kim Jong-soon, the President of the Korea Institute of Radiological & Medical Sciences; second, 'The medical use of atomic energy' by Yun Mi-jin, an Associate Professor at the Nuclear Medicine Department of Yonsei University, and lastly, 'CT imaging for heart disease' by Park Jae-hyung, a Professor at the Medical Imaging Department of the Seoul University. Yun Yeon-suk from the Korea Institute of Radiological & Medical Sciences, gave a special presentation on lifestyle for cancer prevention. Finally, there was a panel discussion with three speakers and three special guests; Park Gyeong-bae, the Director of the Magitech Ltd., Lee Eun-jeong, a journalist in the science area and Lee Hyang-gi, the Vice President of the Korea Consumer Federation. The panel also held a question and answer session with the audience.

This symposium was a good opportunity for attendees to exchange information on their interest about nuclear medicine including diagnosis and therapy of cancer. It also appealed to public communications in the area of radiation applications for nuclear medicine.

If you would like more information on the symposium or WIN-Korea please contact Hong Sung-Woon, the President of WIN-Korea or WiN Executive Se-Moon Park (Korea).

WiN SPAIN - WiN ROUNDTABLE

["Electric Supply: Spanish Electricity System and European Energy Policy"](#)

Following the tradition of recent years, WiN-Spain sponsored a roundtable during the annual meeting of the Spanish Nuclear Society (SNE) to discuss a currently important issue.

Electric energy, as an essential economic item, is an adaptable energy source, but it is singular as a commodity. An integrated electric system is a necessity in any country; therefore, generation, transmission, distribution and commercialization should be subject to clear regulations. In the past, electric energy in Spain was considered as a public service (common good) and, for this reason, the electric system was a regulated, planned system. In recent years, the production business has been liberalized in an effort to improve efficiency and production.

In a recent discussion, Isabel Gómez Bernal, an expert in electric utility Management, described the

characteristics of the Spanish electric system before and after market liberalization. She explained the different types of generation in Spain and compared them to other countries. With regard to the energy demand, she provided an analysis of the daily curves, provided by Red Eléctrica, and explained how this demand is covered by the different available types of generation. She also described the peaks of electricity demand in Spain in recent years, indicating these values as determining factors of the “over-dimensioning” required for the electric system.

The public is increasingly demanding more and more energy, but at the same time it wants to protect the environment. Well-known politicians and scientists are raising their voices in favor of defending our planet and are questioning nuclear power as part of the solution to growing energy demand. Meanwhile, what does the nuclear industry have to say?

Berta Picamal has been in Brussels since 2004 working in Foratom, the association that represents the European nuclear industry, promoting the use of nuclear power in Europe and supporting industry interests. As head of institutional relations, she discussed the European energy strategy and the different ways to carry it out in the different countries.

After a brief summary of the Foratom activities for the 17 countries it represents, Berta described the nuclear scenario in Europe and the European energy future. She said that the latest surveys conducted in July of this year showed that public opinion had improved in comparison to the 2005 Euro-barometer on radioactive waste management.

In Europe, there are some countries without nuclear power plants and a very deep rooted antinuclear culture where the acceptance of nuclear power is low and attitudes are unchanging. Then there are other countries with a high level of acceptance all of them with operating nuclear power plants. The phenomenon of countries with operating nuclear power plants and a low level of acceptance is limited, Spain being one of them.

Safety is not currently a recognized primary concern in parts of Europe. Most survey respondents (February 2007) are convinced that the nuclear power plants are safe. The greater the knowledge, the stronger is the support of public opinion.

It is expected that nuclear power will be an important part of the future European energy mix. The citizens of the European Union rank nuclear power as the third in line to potentially be the most widely used energy source in 30 years.

Although public opinion evolves very rapidly, a political will is necessary to increase public acceptance. Nuclear power as a possible way to reduce greenhouse gases is a key issue, along with the security of the supply and competitiveness.

Data were also provided on the new nuclear power plants under construction in Europe and those planned for the years to come.

Special mention was made of the energy policy for Europe and the binding objectives agreed on by consensus in the European Council:

- 20% reduction of CO2 emissions by 2020
- Up to a 20% increase in the use of renewable energies by 2020
- 20% increase in energy efficiency.

These commitments must be developed in national action plans.

The roundtable ended with many questions and comments from the audience, who were interested in knowing more about European policies in favor of nuclear power and the methods used to enhance social perception in the countries where the nuclear renaissance has become a reality.

If you would like more information on the WiN Roundtable please contact Maria Luisa Perez-Griffo WiN Executive (Spain).

WIN TAIWAN HOSTS SYMPOSIUM ON COMMUNICATION OF NUCLEAR ISSUES

On November 6th WiN Taiwan hosted a symposium on Communication of Nuclear Power and Waste Disposal Issues. The full day conference focused on two themes: “Nuclear a major option for future energy development in Taiwan?” in the morning and “Finding home for low-level radioactive waste role of the public” in the afternoon. About 120 people participated in this event.



Irene Aegerter, Founding President of WiN Global, and Se-Moon Park, Vice President of WiN Korea, were invited as special guests for the conference. They gave presentations on each respective subject, while two directors from Taipower, the state-owned utility, provided an overview of the current status in Taiwan.

The Swiss success story of gradually gaining public support for nuclear energy, as shown by its national referenda, through tireless communication, especially “by women to women,” was the focus of enthusiastic discussion in the morning. “WiN Taiwan can do a lot more in public communication, and you have a good role model to follow,” said panelist Kai Ma, Chief Editorial Writer of Economic Daily News.



Eight panelists with expertise in economics, energy policy, environmental science and engineering, waste management, and physical planning and land use joined the discussion after the presentations. Members of WiN Taiwan served as session chairs and moderators.

As required by law, a candidate site for a low-level waste final disposal facility will be determined through a referendum in Taiwan. The Korean success story on siting process and referendum of LLW disposal obviously became the focus for the afternoon discussion. In addition to effective communication, other factors such as clear government policy, a sizable compensation, and the utility's commitment to relocate its headquarters to the site, were also important for the overwhelming success of the siting referendum in Korea.

The symposium was designed for professionals working in energy and nuclear related fields to learn from Swiss and Korean lessons and exchange experience regarding effective communication of nuclear issues. A number of NGO representatives were also among the participants. It received very good reports and positive feedback from the participants. There was also coverage of the event in both newspaper and internet news. Similar activities designed for different audiences are in high demand. Two workshops with roundtable discussion were also conducted before and after the symposium: Seismic Monitoring at Nuclear Power Plants, and LLW Disposal Siting and Public Communication. Through active discussions, a total of over 50 participants benefited from these workshops.

If you would like more information on the symposium or WiN Taiwan please contact WiN Executive Evelyn Chen, Board Member Jessie Chiu, or Jyi-Lan Wu, President of WiN Taiwan.

U.S. WESTINGHOUSE WIN PITTSBURGH INTRODUCE A GIRL TO ENGINEERING

In its sixth year, the Westinghouse Electric Company's "Introduce a Girl to Engineering" program stretched across two days in November. The program attracted 75 students from 20 schools to the company's Waltz Mill site nuclear services facility in Madison Pennsylvania, USA. The nearly 200 members of the U.S. WIN Westinghouse Pittsburgh Chapter sponsor the event.

The program is designed to encourage female students to pursue their natural talents and abilities and gives them role models to see that there are future opportunities for them. It gives the students a vision for pursuing their intellectual abilities.

The local WiN members use interactive hands-on activities to illustrate to the students that engineering is challenging and fun. One of the activities has the students dress out in standard plant anti-Cs and work through an exercise to remove foreign materials from inside a mock-up of a reactor vessel.



Another activity is a game show format "Who's Job is It Anyway" where students quiz a panel on their responsibilities and then must guess who does what job. The students also tour the sites training facility consisting of mockups of the major primary components in Westinghouse NSSS designs.



Participants in the 2008 event included members of the press which published very positive reports in the local news media, The Tribune Review, from which the pictures included in this article were taken.

For information please contact Darlene Polk, Chair Westinghouse WiN Pittsburgh Chapter.



CELEBRATING SUCCESS

U.S. WIN REGION 1

U.S. WIN Region 1 honored their Region Coordinator, Nancy Bulkeley, at the December 2008 Region 1 Conference. Nancy is the Community Affairs Representative at the Dominion Nuclear Connecticut Millstone Plant in Waterford Connecticut U.S.A.

Nancy has served the Region 1 members of U.S. WIN as Region Coordinator for the past five years. In accepting her award Nancy encouraged the more than 120 attendees to get more involved in WIN. Nancy is a Global WiN member and will continue her participation in U.S. WIN as a member of the Communications Committee. Congratulations Nancy on a job well done.



MARK YOUR CALENDARS

PIME 2009: 15-17 February 2009 Edinburgh. WiN will conduct several different meetings at the same time as PIME. A formal agenda of the Executive and Board meetings will be provided to participants two weeks prior to the meeting date.

Currently scheduled meetings include:

- Strategic Planning Committee 16:00 hours Saturday 14 February,
- Executives time to be announced Sunday 15 February,
- Board Meeting 11:30 – 15:00 Monday 16 February. Includes lunch,
- PIME Session 13:30 – 15:00 Tuesday 17 February.

If you would like more information about the WiN Strategic Planning Committee meeting please contact the Committee Chair, Irene Aegerter (Switzerland). For all other meetings please contact Cheryl Boggess (WiN President) or Isis Stafford (WNA WiN Secretariat).

2009 WiN Award: All nominations for the 2009 Award must be submitted to the WiN President, Cheryl Boggess (boggesc1@Westinghouse.com) and copy to Isis Stafford (Stafford@world-nuclear.org) by 1 March 2009. Details and nominating forms are available on the WiN Global website <http://www.win-global.org/awards.htm>.

WiN Global 2009 17th Annual Conference

“Enhance our World through Nuclear Technologies”

U.S. Women in Nuclear is pleased to host the combined WiN Global and U.S. WIN National meeting July 20-24, 2009 in Washington, DC. The conference will be held at the Grand Hyatt Hotel in the heart of the U.S. capital.

Information is available on the U.S. WIN website <http://www.winus.org> and will be updated as additional information becomes available. If you would like information please contact Carrie Phillips U.S. WIN Global Board Representative.

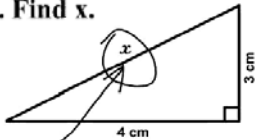
This event will mark the 10th anniversary of the U.S. WIN organization. We hope that you will mark your calendar and plan to celebrate with us!



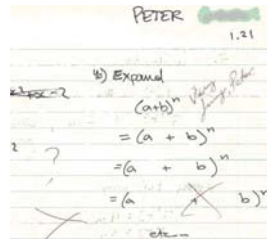


It does not matter if communication is verbal, non-verbal, or written - both sender and receiver must be tuned to the same frequency for the message to achieve the desired outcome. The following are answers from actual student exams.

3. Find x.



Here it is



At first it seems that the answers are not correct. However, in a very strict sense the answers are correct. X was found and the equation was expanded. Perhaps the teachers and the students were tuned to different frequencies.

This is a time of the year with lots of demands and deadlines both personal and professional. Have you ever felt there was just too much *stuff*, too many choices and no clear road to travel?



Are you just looking for simple clear direction?



Or encouragement???



WiN has a simple approach, to put nuclear energy and nuclear safety in perspective, communication has to be simple, factual, open and honest. Everyone must be on the same frequency and communicating from a human perspective in a balanced integration of emotion and reason in informing people by people on three different levels:

- the level of ethical values and emotions
- the technical and scientific level
- the economical level

The diverse cultures and languages that exist between the members of WiN present significant challenges to effective communication. Distractions, material complexity, time constraints, attitudes, and other barriers are ever present and must be overcome. One of the most universal tools in connecting people, especially during stressful and complex interactions is to use humor.

Hopefully the illustrations I have included have caused you to smile. Evidence suggests that no other form of communication does more to break down barriers and connect people than a shared laugh. Quite simply, a smile relieves tension.

It has been an eventful year. As you reflect on 2008, I would encourage you to look beyond the obvious and smile ☺. We WiNners have accomplished much and we have set some noble goals for the future. In the coming months you will hear more on the specific plans to get us more connected in our local neighborhood and around the world.

Just now let us all pause and take a deep breath. WiN has been truly blessed by our diversity and our character. During this special season join with me in giving thanks for the many occasions and shared experiences that have brought us together. Opportunities abound to communicate, to work together, and to break down cultural and communication barriers. As the work of our organization continues - the efforts of our members and committees is returning value to those WiN seeks and serves.

WiN members can and will positively enhance the quality of the lives we touch and change the world. WiN is Engaging the public and each other one-on-one with a message that connects and communicates,
 $E = mc^2$.

Please permit me to express myself in the most sincere way I know as my family and I extend our very warmest wishes for a very Merry Christmas and a Happy New Year. Enjoy the day!

Cheryl

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