

U.S. Women in Nuclear

A Quarterly Update on U.S. WIN Activities

An Executive Perspective

by Ross Ridenoure

Vice President and Chief Nuclear Officer

Omaha Public Power District



Last July, I attended my first Women in Nuclear conference in Pittsburgh. The Nuclear Energy Institute's Carol Berrigan had asked me to share a few words about our industry with the group during the second or third day. As someone who really enjoys public speaking (yes, it's true), I was only too happy to oblige.

Like many of my peers, I attend a large number of nuclear industry conferences, workshops and meetings throughout the year. I didn't give the WIN conference a second thought since I expected it to be similar to most of the other conferences I attend. I remember thinking that there was probably going to be a higher proportion of women at the meeting, but I also expected a good showing from the guys.

Boy, was I in for a surprise.

In all honesty, being one of about 15 men in an audience of about 415 had a certain surreal feeling to it and gave me a keen appreciation for what it must be like for many women when they attend a "typical" male-dominant nuclear conference. However, my initial surprise and discomfort wore off very quickly once I started talking with many of the wonderful women in attendance.

I rapidly realized several things:

- The women at the conference share the same passion for and commitment to the industry that I do—we recognize the tremendous benefits and potential of nuclear energy and are committed to the safe use of this amazing technology.
- The WIN organization is high-powered. As in *really* high-powered. Call it whatever you want—a "can-do" or "go-getter" spirit—but the energy level and enthusiasm of the members was very high—almost palpable at times—and seemed to pick up steam as the conference progressed.

- Everyone is excited about the prospect of building new nuclear power plants and is committed to making that vision a reality. However, we all recognize that we must focus on keeping our current fleet of nuclear power plants running safely and reliably in order to make that vision a reality. I know you've probably heard this a million times already, but it bears repeating—we need keep a laser focus on the current fleet of plants.
- At a time when the industry is facing unprecedented personnel turnover and shortages at all levels (40 percent at my plant in the next five years), I am certain WIN will play an even more important role in the coming years by attracting talented young women to this industry.

Overall, I was very impressed with WIN—it is a high-energy organization with clear goals and committed members. What more could you ask for in an organization?

On a final note, I was lucky enough early in my nuclear career (very early) to experience first-hand the heady, mid-70s enthusiasm of the nuclear industry. At that time, nuclear plants were being built like crazy, and there were 264 nuclear power plants either in operation, under construction or on the drawing boards in this country.

You got the feeling that *anything* was possible.

Thirty years later, I'm getting that same feeling again ... and I can't wait to see it happen.

The WINning Edge: **Brenda Burk's Winning Newsletter Title Reflects Power of People**



What's in a name? Entergy's Brenda Burks drew from her 17 years of experience with the company to create the title for Women in Nuclear's new newsletter, "The Winning Edge."

"'The Winning Edge' reflects the competitive edge that WIN members can receive by being an integral part of a professional network of men and women whose focus is on building positive relationships, while also promoting nuclear energy as the energy source of the future," Burks said. "For me, the title is also a reflection of Entergy Nuclear's fleet motto: 'Good Alone, Great Together.' Even though we might be 'good' when working by ourselves, together we become great, and we can all win."

About Brenda

Brenda Burks is a procurement specialist for Entergy Corp., supporting the company's nuclear organization. In this role, she functions as a project lead for fleet contracts and requests for proposals. She is responsible for the negotiation, development, implementation and management of nuclear security, chemistry, training, contingent work force management and maintenance contracts for Entergy's nuclear fleet. Other responsibilities include conducting market searches, resolving claims, reporting savings and claims, and managing supplier performance.

Brenda joined the company 17 years ago as an information specialist, providing administrative support for document services and facilities, before accepting the position of procurement specialist within the materials, purchasing and contracts organization.

Brenda's educational background includes a bachelor's degree in science and a master's degree in management from Belhaven College in Jackson, Miss. Her professional memberships include the Institute for Supply Management and WIN. Within the community, she has worked with the Mississippi Diabetes Foundation, the Juvenile Diabetes Research Foundation and Extreme Makeover Home Edition (Brandon, Miss.). She has also served as senior project panel member for Jackson State University's School of Technology.

Role in WIN

Brenda joined WIN in fall 2006. Her mission is to assist the organization in achieving its strategic objectives to promote nuclear energy, nuclear technology and professional development. Brenda plans to accomplish this mission by being actively involved in community events such as science and career fairs sponsored by her local chapter, as well as participating in activities hosted by the national chapter.

Photo courtesy of Entergy Operations Inc.

Region II Meeting

Continuity and Change: Integrating Past Success into a Changing Future

Jim Ellis Talking Points for
WIN Region II Meeting
March 5, 2007

Good afternoon. Welcome to Atlanta, and to INPO.

It is our great pleasure to host this Region II meeting of Women in Nuclear

This organization - literally and figuratively - exemplifies the "new face" of the commercial nuclear power industry - a face that will be decidedly more diverse than ever before

April 2007

I appreciate the work that WIN is doing in support of nuclear energy and the professionals – women and men – who are involved in our industry

I'm pleased that INPO can provide the venue for this meeting, and that we can be of assistance in the important work that WIN is doing

“Nuclear Paradigm Shift – Deal or No Deal?” The theme of this meeting reflects many underlying questions that inevitably come up when groups gather to discuss the future of our industry.

Questions like:

- How do we maintain the safety culture that has been meticulously built and nurtured over time?
- Is the industry really going to grow, and if so, can we support that growth?
- And, how much is our industry really going to change in the coming years?

Questions like these are all valid, and fundamentally important to our industry

This afternoon, I want to approach these issues within the context of continuity and change, and the challenges we face in integrating the industry's past success into the reality of a changing future

Pauline Kezer, former secretary of state in Connecticut, once said that “Continuity gives us roots; change gives us branches, letting us stretch and grow and reach new heights.”

This is a fitting analogy, not only for plants of the biological variety, but also for those made of concrete and steel

Ours is an industry with strong roots that reach back a half-century

It's ironic that today, the nuclear industry is viewed as established, conventional, and slow to change

In fact, the industry's history is one of rapid change and tremendous growth

Consider the pace of change that occurred between 1938, when 2 German scientists first demonstrated fission, to 1942, when Enrico Fermi achieved the first self-sustaining nuclear chain reaction in a lab under the squash court at the University of Chicago.

Nuclear energy continued to develop rapidly, moving from the detonation of the first atomic weapon in 1945 to the launch of the Nautilus, the first nuclear submarine, in 1954, and on to the opening of the first large-scale U.S. nuclear power plant in Shippingport, Pennsylvania, in 1957

Encouraged by President Dwight Eisenhower's call to develop “Atoms for Peace,” the industry entered a period of even more rapid expansion.

Between 1965 and 1978, 237 nuclear plants were ordered – in what some refer to as a “bandwagon market”

It was a heady time for a young and somewhat naïve industry – and a time that perhaps our branches were growing faster than our roots could support

The industry's rapid growth came to an abrupt halt on March 28, 1979, with the accident at Three Mile Island in Pennsylvania.

The accident had tremendous impact on nuclear industry, causing sweeping changes in emergency planning, training, human factors engineering, plant design, etc.

Increase in costs, decrease in public/financial support resulted in cancellation of 97 planned nuclear plants; loss of billions in capital.

Bill Lee, president and CEO of Duke Power at the time, led a national movement to bring together nuclear operators in a cooperative organization that would share best practices and establish standards of excellence for safety – INPO incorporated in October 1979.

- Dennis Wilkinson first president (he was initial commanding officer of the USS Nautilus).

As the U.S. industry worked to recover from TMI, the worldwide industry was rocked by an accident at one of the four reactors at the Chernobyl nuclear plant in the Ukraine in April 1986.

Accident was the result of an unforgiving reactor design operated with inadequately trained personnel without the proper regard for safety.

In response to Chernobyl, the worldwide nuclear industry formed the World Association of Nuclear Operators

- WANO unites operators of more than 440 nuclear power plants in 31 countries worldwide
- Mission to maximize safety and reliability by exchanging information and encouraging communication, comparison and emulation among members
- INPO works closely with WANO to promote safety worldwide

The nuclear industry in the U.S. has focused the last two decades on improving the safety and performance of the existing fleet of nuclear power plants.

Three Mile Island is somewhat symbolic – the undamaged Unit 1 resumed operation in 1986, and continues to operate safely and efficiently

INPO and the industry have placed a strong emphasis on improving the professionalism and performance of industry workers.

The chart shows a picture of the industry's success. Unit capability factor, which measures a plant's ability to stay on line and produce electricity, improved significantly throughout the 1980s and 1990s, and has sustained high levels of performance throughout this decade.

Today, we have 103 operating nuclear plants in the United States. Worldwide, there are 442 nuclear plants in 31 countries.

So – with our industry's roots firmly in place – what's ahead? Is the industry poised to grow from its roots? Can we successfully proceed to branch out and reach new heights?

Overall, the future of the nuclear industry is promising.

We now have a national energy strategy that calls for nuclear energy to play a key role.

- This will include expanding the capacity of existing nuclear plants, and extending their operating licenses to achieve the greatest use from existing resources

There is also broadening support for nuclear energy, as society begins to deal with the reality of an increasing demand for electricity, and the need for clean sources of power

Individuals such as Patrick Moore, cofounder of Greenpeace, have voiced their support of nuclear energy as a necessary technology with minimal environmental impact

There is serious discussion in the United States about building new nuclear plants.

Worldwide, there is more than discussion. Currently, there are 27 nuclear plants under construction, with another 41 on order or planned, and 113 proposed.

Much of the new construction is coming from China and other Asian countries, that face expanding demand for electricity to meet the needs of expanding economies

As the industry looks ahead to the prospects for expansion, we do so realizing that this nuclear renaissance depends on continued excellence in nuclear plant safety

Certainly, many technical issues are involved.

- **Can we improve fuel performance and reduce the number of plants with operating with fuel defects?
- Can we help those plants with long-term records of underperformance improve and become safer and more reliable?
- Are we effectively managing aging plant equipment as plants approach their initial 40 year design life, and move on to 60 years of operation and possibly more?

But inherent in these technical issues is one common thing – it's the people.

We've made great improvements in the equipment, and will continue to do so.

But the best equipment in the world isn't worth much without skilled, knowledgeable people to run it – and effective, dynamic leaders to show the way.

In the United States, nearly half of the nuclear industry workforce is over 47 years old. Projections are that the industry will lose up to 40 percent of its skilled workers to retirement and attrition within the next few years.

This presents a tremendous challenge both in terms of the quantity of workers available to staff our plants, and the experience level of the workforce.

We'll need to consider more sources for nuclear workers than ever before.

While the industry has historically relied on the nuclear Navy as a source of highly trained and qualified workers, and will continue to do so, the size of the nuclear Navy is shrinking and will not provide the numbers of workers needed to meet the industry's demand.

Our industry will need to be innovative in its relationships with colleges, universities and trade schools to help ensure that the talent pipeline is wide open, and that academics are inline with the fundamental knowledge that graduates will need to begin a successful nuclear career.

In addition, most organizations, with varying degrees of success, are taking steps to ensure the transfer of critical technical knowledge from experienced workers to the next generation that will soon take their place.

More difficult – but vitally essential – is the need to impart the singular dedication to nuclear safety from a generation of workers who experienced the emotional impact of TMI and Chernobyl first-hand, to a generation who may only know those experiences through the cold facts presented by historical textbooks.

At no point will this change in industry demographics be more critical than in the leadership ranks of our organizations.

Harry Truman once said, “In periods where there is no leadership, society stands still. Progress occurs when courageous, skillful leaders seize the opportunity to change things for the better.”

In the coming few years, many of the leaders who built this industry will be moving on to a new phase of life that no longer includes nuclear plant operation.

In their place will come a new generation of leaders that reflects the new face of the nuclear industry – younger, more diverse in race and gender, and with a different set of values and life experiences.

Many of you in the room today will be the new generation of industry leaders, either by virtue of the title and positions you now hold or will hold in the future, or simply because you are the ones that your peers look to for guidance and direction.

For you – the new generation of leaders – the theme of this meeting is particularly appropriate.

“Deal or no deal” – are you ready to rise to the occasion, to embark on a course that both considers the lessons of the past, that recognizes the realities of the present, and that offers a bold and enthusiastic vision for the future?

For you, I offer seven leadership observations:

- It’s a (full) contact sport
- You are already in the game
- There is no single style
- It’s always situational
- It’s either good or bad
- You never stop learning
- It’s better to have it when you need it

Your leadership is critical to the future success of this industry

In the changing times ahead, I urge you to, as Mr. Truman so aptly put it, seize the opportunity to change things for the better

This concludes my remarks this afternoon.

Thank you for your participation in this WIN regional meeting. Have a great conference!

Region I News

WIN Delegation in Washington



Twelve members of the Women in Nuclear (WIN) national delegation came to Washington, D.C., March 14-15 to learn more about nuclear energy policy issues and to promote WIN in meetings with members of Congress and their staff.

On May 14, the D.C. WIN chapter welcomed the delegation and invited them to a wonderful reception in their honor hosted by Washington Group International at Café Soleil. The D.C. chapter extends its thanks to Terri Marts, Cynthia Stinger, Ricardo Bernal, John Cohen and Melissa

Feld of Washington Group International for their hospitality.

The next day, the delegation divided into four groups for meetings with the staff of committees of jurisdiction for nuclear energy (House Energy and Commerce, House Science and Technology, Senate Energy and Natural Resources, and Senate Environment and Public Works) and with staff of members of Congress on those committees. Each group had at least three meetings before noon, when they were invited back to the Nuclear Energy Institute for lunch.

Some of the WIN delegation members were able to meet senators and representatives. After meeting with a House Science and Technology staffer in the Rayburn cafeteria, one group introduced themselves to two House members, Rep. Ken Calvert of California and Rep. Bobby Rush of Illinois. [See the story about Diane Marshall from Westinghouse meeting Senator Obama.]

Contact Carol Berrigan clb@nei.org, Angie Howard ash@nei.org, Caroline Schlaseman cschlaseman@mpr.com, or Leslie Barbour lhb@nei.org for information on the next WIN national delegation to Washington.

Even in the Nation's Capital, Timing is Everything!



The photo with senator and presidential candidate Barack Obama was taken just after B. Dianne Marshall, technical trainer with Westinghouse, and Caroline Schlaseman, supervisory engineer with MPR Associates Inc., concluded their meeting with Sen. Murkowski's staff in her Capitol Hill office. The opportunity to meet Sen. Obama was an unexpected treat that made their day!

Marshall and Schlaseman were about to visit Sen. Obama's office to ask if Marshall could get a signed photo of him when her keen eye spotted him talking with some students. As he walked in their direction, he turned to enter his office by the secret back door. Quick on her feet, Marshall threw her camera into Schlaseman's hands

and raced down the hallway crying out, "Senator, Senator!" She managed to catch his attention, and the senator stopped. Without missing a beat, Marshall asked Schlaseman to take a picture of them. The senator's aides stepped aside, and Sen. Obama flashed a charming smile.

Sen. Obama very graciously engaged Marshall in conversation, asking her where she was from and what she did for a living. As he was about to slip through his secret doorway, he paused and asked why she had come to D.C. She replied that she was in Washington with a delegation representing Women in Nuclear.

Region II News

WIN Oak Ridge Chapter Celebrates Women's History Month 2007

The Oak Ridge WIN Chapter, the Oak Ridge National Laboratory Committee for Women, the Oak Ridge Chapter of Federally Employed Women, and the Knoxville Chapter of the American Nuclear Society co-sponsored the play "Remembering Miss Meitner" to commemorate Women's History Month. The one-act play was written by Robert Marc Friedman, a professor at the University of Oslo and an internationally recognized specialist on the history of modern science and its relation to society. The play is based on a chapter in his book, "The Politics of Excellence: Behind the Nobel Prize in Science," which tells the story of Lise Meitner, a physicist who discovered fission but was ignored by the Nobel Prize Committee. The Nobel Prize Committee awarded the 1945 Nobel Prize in Chemistry for the discovery of fission to Otto Hahn, one of Meitner's collaborators. The play was performed by local actors and laboratory employees Bonnie Nestor, Charles Crume and Eugene Spejewski. Julie Ezold, Oak Ridge WIN Chapter president, narrated. A reception at the American Museum of Science and Energy in Oak Ridge, Tenn., followed the play, and both were well attended by the public.

Region IV News

Callaway WIN Chapter selects 2007 Person of the Year



The Callaway WIN Chapter board has selected Adam Heflin, vice president, nuclear, of AmerenUE as the 2007 WIN Person of the Year. Heflin was selected for his support and leadership in establishing a WIN chapter at the Callaway plant and for helping develop pathways for leadership and development, not only for women, but for all personnel at Callaway and at local universities.

Heflin has served as chairman of the Callaway Chapter WIN board for the past two years. During this time, Callaway has developed three university WIN chapters, created a student internship and co-op program, and provided local scholarships to high schools students entering college. Future plans for leadership and development for all plant personnel include a Lincoln University program for obtaining degrees using operations training, a nuclear leadership and development certification program with the University of Missouri at Columbia's nuclear engineering department, a nuclear site exchange program, and on-site mentoring and rotational development initiatives.

Adam C. Heflin was named vice president, nuclear, of AmerenUE on June 27, 2005. In this role, Mr. Heflin is responsible for the safe operation of the Callaway Plant.

Mr. Heflin started his nuclear career in the U.S. Navy, where he served on the USS Flasher fast attack submarine. In 1990, Mr. Heflin accepted a position as an auxiliary operator at Entergy's Arkansas Nuclear One. While there, Mr. Heflin earned a reactor operator license and a senior reactor operator license. His positions at Arkansas Nuclear One included shift manager, outage manager, outage director, operations manager and acting plant manager.

A native of Monte Vista, Colo., he holds a bachelor's degree in general/mechanical engineering from Arkansas Tech University. He also has earned credits toward a master's degree in operations management from the University of Arkansas.

Mr. Heflin and his wife, Toni, have three sons: Chris, Patrick and Zane. They currently reside in Columbia, Mo.

Meeting With the New Congress

My name is Meagan Wilson, and I work at Diablo Canyon Power Plant in Avila Beach, Calif. Darlene Polk from Westinghouse and Meghan Sharrow, a student at the University of Wisconsin at Madison, joined me. The three of us met with four staff members for members of the House of Representatives' Science and Technology Committee. These staff members were Alisa Ferguson, majority legislative director for Chairman Bart Gordon (D-Tenn.); Kate McMahon, energy legislative assistant for Rep. Paul Kanjorski (R-

Pa.); Jason Feld, who works for Rep. Lynn Woolsey (D-Calif.); and Andrew Horowitz, who works for Rep. Jay McNerney (D-Calif.).

This was a fantastic opportunity to talk about nuclear energy and provide information and resources to Congress. In 2005, I visited and discussed nuclear energy with members of Congress, and the attitudes have shifted since I was last there. I think it is fair to say that opinions about nuclear energy are certainly more favorable than they were two years ago. Our group was very knowledgeable in different areas regarding nuclear, and I commend the other two members for their great speaking abilities and passion about the subject.

I think we learned four key lessons in this visit to prepare us for doing this again in the future. One, we should talk to new members of Congress. They have not necessarily formed an opinion about nuclear energy, and we can serve as a great resource to them. Two, while the idea of nuclear as an answer to future energy needs is positive, the used fuel storage issue is still a major hurdle. Three, there is some lack of understanding regarding what the true energy needs of the country are in terms of baseload and peaking energy demands, and we can educate them about this. Four, since some of the representatives are big fact-finders and want as much information as possible, we should be able to provide them with substantial information regarding nuclear energy.

We concluded our morning by visiting the various members of the House of Representatives for the districts where we live and providing information to their offices so we can serve as a resource for them as well. I think all of us look forward to having this opportunity again in the future. I know I do.

South Texas Project

- I. NRG Energy, 44 percent owner of the South Texas Project (STP), announced its intent to submit an application to the Nuclear Regulatory Commission for a combined construction and operating license (COL) for two new units at STP. Austin Energy (16 percent owner) and CPS Energy (40 percent owner) are working with NRG in the initial phase of this effort and are considering participation. The preferred design for both units is a 1,350-megawatt Advanced Boiling Water Reactor (ABWR). STP's 12,200-acre site originally was designed to accommodate four units and was licensed accordingly, but to date only two units have been built. STP's massive reservoir has the capacity and the required infrastructure to serve four units. In addition, STP has an excellent emergency preparedness program and is strongly supported by the local community.
- II. STP 2 went off line for its twelfth refueling and maintenance outage. During the outage, workers performed thousands of equipment inspections, evaluations and improvement activities to ensure equipment reliability and STP's continued excellence in plant performance. As part of this process, STP 2's low-pressure turbines were replaced, increasing production capabilities. In addition to STP's own skilled work force, more than 1,500 contractors assisted in the efforts.

This was the first outage since Sept. 11, 2001. Tours were conducted for interested groups. STP hosted its owners, elected officials, media, local law enforcement, local industry and others.

III. In 2006, STP 2 was the nation's top producer of electricity and the third-highest producing reactor in the world. From 2004 to 2006, STP produced more electricity than any other two-unit nuclear generating station in the United States.

IV. STP is diligent in its efforts to educate the public and the community. During the past three months, on-site tours have included:

- RV groups from various states
- John Cooper School students and staff members
- Active Advantage (over 55) group
- Port Lavaca High School Birding and Wildlife Club
- Boy Scout merit badge members
- Ingleside High School Science and Spanish clubs.

Selected speakers from STP traveled to educate and address the public and the community. Audiences have included:

- Bay City High School
- Richwood Middle School
- Tidehaven High School
- Brazoswood High School
- Brazosport College
- Texas A&M University.

V. STP is a committed sponsor of the Audubon Society's annual national bird count. This year, Matagorda County was second in the nation, with most species spotted at the plant site. The county has led the nation for the past nine years, with STP being the major contributor to the count.

STPNOC WIN Chapter

- I. On Feb. 14, eight members represented STP Nuclear Operating Co. WIN at the "Women's Day of Health" luncheon sponsored by Matagorda General Hospital of Bay City. Dr. LaDonna Rutledge (OB/GYN) spoke in great detail about breast cancer and early detection. Dr. Roseann Rogers of "The Buzz," on Channel 2 News out of Houston, spoke about the challenges she and her husband faced following the birth of their son, who was diagnosed with a prenatal heart condition. Dr. George Hanna (cardiologist) delivered a presentation about early prevention and recognition of heart conditions. All speakers graciously entertained questions following their presentations.
- II. STPNOC WIN held its first-quarter 2007 chapter meeting (luncheon) Feb. 20, with 23 of 57 members participating. Outgoing officers were acknowledged and thanked for their contributions. Jimmy Brown delivered a presentation on the ABWR design.

- III. STPNOC WIN sponsored three chapter members to participate in a “Get Motivated” one-day seminar in Houston March 13. The lineup of speakers included George Foreman, Steve Forbes, Tom Hopkins, Dr. Robert Schuller and former Secretary of State Colin Powell.
- IV. The American Society for Quality Section 1418 invited STPNOC WIN members to participate in a presentation during its March 19 member meeting. The guest speaker was STP system engineer manager Mike Murray. His presentation topic, “Prevent Recurring Equipment Problems and Fault Tree Analysis,” was quite enlightening. Eight STPNOC WIN members attended the presentation.
- V. STPNOC WIN is actively accepting applications for two \$500 educational scholarships for professional development. The applicants must be legal dependents of a full-time, retired, disabled or deceased employee, or of a contractor affiliated with the STPNOC. These scholarships will be awarded in May.
- VI. STPNOC WIN members approved two changes to the organization’s bylaws. The first was to eliminate membership dues. There will be three criteria under membership:
 1. Membership is open to all STPNOC employees, both men and women, who support WIN goals.
 2. To maintain active membership, members must, at a minimum, attend one regular meeting or actively participate in one WIN function each year.
 3. Only active members shall be eligible to vote.

The second change to the bylaws was the inclusion of three “standing committees”: the Charity Committee, the Scholarship Committee and the WIN Benefits Committee.

- VII. During STP’s outages, many of our folks assume new roles. Many times, these roles are not even close to their normal daily work activities. The following members underwent role transformations:
 - **Doug Dayton**, an electrical system engineer, supports operations and electrical maintenance in daily work activities, and is responsible for system health and equipment reliability for both safety and non-safety electrical support systems. During an outage, Doug becomes a plant modifications and plant investment electrical field engineer (FE) and an outage switchyard coordinator. As an FE, he oversees electrical modifications in the field, working closely with electricians and craft supervision. As an outage switchyard coordinator, Doug is responsible for interfacing between Center Point Energy and the switchyard during critical activities. He also advises the outage management team of those activities.
 - **Janice Hopes**, a senior designer in design engineering, designs and incorporates drawings and drawing changes into engineering drawings. During an outage, Janice becomes the data manager for the flow accelerated corrosion group. In this role, she downloads data and coordinates inspections. In addition, she supports reactor containment building cleanup.

- **Kim Kieler**, a quality audits supervisor, normally leads plant audits, ensuring they are scheduled and performed at the required frequency. During an outage, Kim becomes a quality inspector, performing quality inspections and oversight of maintenance work activities.
- **Connie McKee**, a section lead in records management systems and administration, coordinates work requests for document designers and graphics designers on site. During an outage, Connie supports the computer-based training lab for contractor in-processing.
- **Lois Mills**, a treasury analyst, performs weekly cash forecasting, wire and bank funds transfers, and check printing for accounts payable and payroll. During an outage, Lois becomes a central processing facility badging administrator who is responsible for sending, receiving and tracking outage contractor fingerprints from the NRC.
- **Eddie Simpson-Kocurek**, a staff operations specialist, performs business support functions for health physics, maintenance and chemistry in her normal workday role. During an outage, Eddie becomes a staff writer for the outage newsletter, “WE Illustrated.” She excels at getting the scoop on outage activities and even manages to include a few personal stories.
- **Vivian Wagnon**, an operations support specialist, supports operations with business planning and support functions. She prepares operations’ five-year plans for budgetary and staffing purposes, performing analysis on budgetary performance. In addition, she prepares and performs the analysis on operations’ performance indicators. During an outage, Vivian becomes a radioactive material control technician in health physics. In this role, she ensures that the contamination control and radioactive material control programs are strictly adhered to. She performs contamination and exposure surveys and handles bagging, tagging and decontaminating as appropriate. Instead of pushing a pencil, she can be found toting a survey instrument.
- **Rebecca Wiegand**, a spec engineering consult, performs electrical design engineering and design basis and modifications. During an outage, Becky becomes a fuel mover and ultrasonic fuel cleaner. She receives new fuel, moves fuel from the new fuel elevator to the spent fuel pool and cleans the fuel during fuel off load.

These represent only a few of the role changes that occur during an outage.

U.S. WIN Region IV

I. Contacts

Connie McKee 361.972.8154, South Texas Project
Vivian Wagnon 361.972.8948, South Texas Project

II. Past Meeting Dates

- July 18, 2005 (Breakout meeting at U.S. WIN Conference)
- July 17, 2006 (Early morning meeting at U.S. WIN Conference)
- August 1, 2006 (Conference Call #1)
- November 29, 2006 (Conference Call #2)
- March 1, 2006 (Conference Call #3)

III. Web site

- Partnering with University of Missouri to establish a Region IV Web site (Jan Neher of Callaway taking lead).
- Projected to go live April 30, 2007.

Callaway: Callaway is continuing to pursue a WINning attitude. A Women in Nuclear (WIN) membership drive was held in November, and approximately 40 people joined as a result. A luncheon also was held with the University of Missouri dean of engineering, who discussed the engineering deficit in the United States. Callaway WIN is pursuing three committees in 2007. One is educating our high school and junior high school students on nuclear energy. A second is establishing a crisis management team to further support Ameren during emergencies (such as storm damage.) A third committee is an outreach program to help establish university WIN chapters.

Callaway has established a University of Missouri Chapter, with 47 students attending the November's meeting. Dave Fitzgerald, manager at Callaway, and Dr. James Thompson, dean of engineering, were the guest speakers.

Callaway WIN's future pursuits are possible rotations and leadership certification for our diverse work force.

AmerenUE vice president of nuclear, Adam Heflin, has provided support for WIN as our chairperson. Our current success is the result of his effort and support for this organization.