

CNTAware

FIRST CNTA TEACHER'S WORKSHOP HELD "Bringing Nuclear into the Classroom"



CNTA's education committee (members listed on page 2) teamed with the Ruth Patrick Science Education Center (RPSEC), the American Nuclear Society (ANS), Health Physics Society, Plant Vogtle, and employees of SRS contractors, DOE and Medical College of Georgia to bring nuclear science into the classroom. The workshop for CSRA teachers was held March 5 at the RPSEC.



Attendance was limited to 25 and the registration

was oversubscribed. Attendees were evenly divided between Georgia and South Carolina schools. Teacher's were awarded a

March,

stipend of \$125 less a registration fee of \$25 and earned credit toward recertification. Post event evaluations were overwhelmingly positive and the "lessons learned" review has identified ways to make the next one even more successful.



"Hands on demonstrations seemed most popular with the teachers," workshop leader Bill

Wabbersen said. "We will definitely beef up that portion of the program next time around." Our volunteers were terrific (see listing and affiliations on page 2) and we owe special thanks to Energy Solutions for sponsoring the lunch. As if lunch weren't enough, CNTA board member, Brad Swanson of Energy Solutions, served as the model for radioactive material protective clothing. CNTA board member Dr. Susan Winsor, President of Aiken Technical College, spoke to the group about career opportunities and Dr. Susan Wood, Chairperson of the CNTA Board of Directors also thanked those in attendance. The entire agenda is reproduced on page 2.

Continued on Page 2.....



A BIG THANK YOU TO OUR COMMITTEE AND TO ALL THE VOLUNTEERS WHO GAVE THEIR TIME AND TALENT TO MAKE THIS A SUCCESSFUL WORKSHOP!

CNTA Education Committee:

Jeff Jay—Chair
 Bill Wabbersen
 Susan Wood
 Clint Wolfe
 Gary Senn
 Mindy Mets
 Steve Sheetz
 Barbara Smoak
 Jim Tisaranni
 John Pullen
 Wade Miller
 Dean Sackett

Workshop Volunteers & their affiliation:

Dick Huskin, Department of Energy
 Dr. Hadyn Williams—Chief of Nuclear Medicine MCG
 Mike McCracken—Southern Nuclear Public Affairs
 Brad Swanson—Energy Solutions
 Dr. Bill Vernetson—University of Florida (ANS)
 Dr. Susan Winsor—President, Aiken Technical College
 Amanda Bryson—Shaw AREVA MOX Services
 Stephanie Zejewski—Shaw AREVA MOX Services
 Wendy Jordan—Savannah River Nuclear Solutions
 Michelle Holman—Savannah River Nuclear Solutions
 Dr. Adrian Mendez-Torres—SRNL & ANS Outreach
 Sherie Green—Savannah River Site
 Janice Weeks—Ruth Patrick Science Education Center



One of the “hands-on” demonstrations. Teachers using hand-cranks to generate electricity.



Brad Swanson, Energy Solutions shows the teachers some of the basics of radiation while in his “dressed-out” suit. John Pullen observing the demo.

March 5, 2010
Ruth Patrick Science Education Center
8:00 a.m.—4:00 p.m.

- 8:00 a.m. Welcome and Introductions**
Topics: Teachers & Impact on Careers
Dr. Susan Wood, CNTA Chair
- 8:30 a.m. Discussion of Regional Nuclear Facilities**
RS: Dick Huskin, Department of Energy
MCG: Dr Hadyn Williams, Chief of Nuclear Medicine
Plant Vogtle: Mike McCracken, Southern Nuclear Public Affairs
- 9:30 a.m. Introduction to Radiation**
Bill Wabbersen, Savannah River Nuclear Solutions (ANS)
Brad Swanson, Energy Solutions
- 10:30 a.m. Generating Electricity Using Nuclear Power Plants with comparisons to non-power reactors**
Dr. Bill Vernetson, University of Florida (ANS)
- 12:00 Noon Lunch (sponsored by Energy Solutions)**
- 12:30 p.m. Hands-on Activities for the Classroom (including use of Geiger Counters)**
Bill Wabbersen, Savannah River Nuclear Solutions (ANS)
Amanda Bryson, Shaw Areva MOX Services (ANS)
Stephanie Zejewski, Shaw Areva MOX Services (ANS)
Wendy Jordan, Savannah River Nuclear Solutions (HPS)
Michelle Holman, Savannah River Nuclear Solutions (HPS)
- 2:00 p.m. Applications of Nuclear Technology & How Safe is Safe Enough**
Dr. Bill Vernetson, University of Florida (ANS)
- 3:00 p.m. Careers in Nuclear Technologies**
Dr. Susan Winsor, Aiken Technical College
- 4:00 pm. Debrief, Questions, Evaluations**

Classroom Limitation: 25



CNTA MEMBERS MIXER

We hope you didn't miss the Members Mixer.....it was such a nice time for all who attended. Over 100 members and their guests enjoyed some wonderful hors d'oeuvres, wine, (one called "Horse Play", seemed appropriate) beer, soft drinks and great conversation. No program, no money to pay, just a great time to visit with friends and co-workers at your leisure. We even had a few door prizes!

Don't worry, it was such a hit, we'll probably have another one in the Fall....so if you missed the first one, try very hard to make the next one.



MEMBERSHIP CHAIR PASSES THE BATON

Outgoing membership chair, Dawn Haygood, has turned the reins over to Lyddie Hansen. Dawn did a *wonderful* job for us and set a high bar for Lyddie and her membership committee to equal. It is important that we maintain and grow our membership. There truly is strength in numbers, so help Lyddie hit the ground running and get your membership dues paid up for 2010. **We need your support, so send in your dues right away!** Soon we will be putting together the Membership Directory for 2010, we want to include you.

A little bit about Lyddie who began her nuclear career at River Bend Nuclear Power Station in Louisiana. After leaving River Bend, she became a part-owner of a consulting firm (RI-Tech, Inc.) that specialized in training, procedure and quality assurance services for commercial nuclear and DOE sites. She began a year-long contract at SRS in 1990. She also worked a number of task orders for Argonne National Lab., Sandia National Lab. And Hanford Reservation. And a 4 year contract at the Pantex Site. She returned to SRS in 1998 and currently is employed by SRNS where she provides support to the Nuclear Material Storage Project.

Lyddie has been active supporters of CNTA for a number of years, serving on the Golf and Membership Committees. Thank you, Lyddie....we appreciate you taking on this big job!

UPDATES

CNTA ESSAY CONTEST

The 2010 CNTA High School Essay Contest entries are in the hands of the Essay Committee for judging of the thirteen essays received. The three topics this year are:

- Compare & contrast nuclear power production in nations around the globe.
- Medical Isotope production, distribution and use.
- The value of nuclear technologies & radioisotopes to the world's food supply.

We are happy to announce that five students will be selected to receive \$1,000 check this year and their schools will receive \$500. This is the first year that we have had sponsorship to present the five awards. Two additional individual CNTA members have stepped up to sponsor this annual contest. If you'd like to sponsor, let us know, it is a tax deductible item.



We'd like to thank the Chair, Bill Wabbersen and his committee for their hard work each year in selecting the best candidates for this award.

ROBERT MAHER SCHOLARSHIP

THERE'S STILL PLENTY OF TIME, but we wanted to remind those members who have college students to who may be applying for the Robert Maher Memorial Scholarship sponsored by Savannah River Remediation-SRS to get their application in by the deadline.

They must be received either via email or snail mail in the CNTA office at close of business on May 31st.

This is a \$5,000 scholarship for those students who demonstrate outstanding college level academic achievement in nuclear science/engineering. Eligibility is as follows:

- Candidate must be enrolled as a junior or senior in a university or college within the states of South Carolina or Georgia.
- Candidate must have a "B" average overall grade and a "B" average in science/engineering and mathematics, as a minimum, for college level course work.
- Candidate must be pursuing a B.S. degree in nuclear science, nuclear engineering, or an engineering or science discipline, which is directly related to the nuclear field.
- Candidate must be a U.S. Citizen.

See the www.c-n-t-a.com for additional information.



UP & ATOM Breakfasts



Mark Fecteau is Managing Director of Strategic Project Development and a member of the core leadership team for Westinghouse Electric Company's Global Growth & Innovation effort. He also serves as Chair of the Carolina's Nuclear Business Cluster, a joint NC-SC effort focused on the growing Carolinas' involvement in the nuclear energy field.

Mark has extensive background in the commercial nuclear business. In the past decade, he has held various management and technical positions within Westinghouse in Strategy, Manufacturing and Engineering areas. He joined Westinghouse in 1984 as a nuclear design engineer.

On January 28th, Mark gave an excellent talk on the state of the nuclear fuel business—supply and demand to over 100 people at the breakfast.



Mike McCracken joined Southern Nuclear Public Affairs in 2007 and works at Plant Vogtle Visitors Center near Waynesboro, GA. His primary role is to coordinate and implement public relations programs that foster community support for nuclear energy, Plant Vogtle and the Company. Mike is also directly involved in emergency preparedness (EP) activities, including assisting with development of annual EP literature and serving as an Emergency News Center media relations representative and public response coordinator.

Mike's presentation to 120+ people at the March 18th breakfast described the current situation for construction of the two new Vogtle units. The Augusta Chronicle covered the breakfast and ran a feature article on the talk.

2010 WASTE MANAGEMENT SYMPOSIA

IMPROVING THE FUTURE BY DEALING WITH THE PAST

The WM Symposia hosts the world's largest exhibitions for the radioactive waste management industry. This comprehensive technical exhibit showcases all aspects of products and services related to the nuclear waste industry. Attendees to the conference are typically decision makers of large worldwide corporations and government procurement agencies. For the 2010, the WM Exhibition gathered some 200 companies representing the full spectrum of our industry.

This is the third year that CNTA has been asked to present at WM which was held in Phoenix earlier this month. Dr. Susan Wood, CNTA's Board Chair presented "On Being the Nuclear Voice" - "Effective Citizen Advocacy of Beneficial Nuclear Technologies" in Session 09 on Monday, March 8 to an audience of approximately 30 people. As in previous years, there was considerable interest in CNTA and the possible "cloning" of the organization at other locations. Thus, CNTA gained a broader positive exposure to both individuals and companies.

Also voiced at the conference was a greater need for the informed involvement of citizens in decision making related to various aspects of the nuclear industry. This interest was foundational to the inclusion of a larger session "The Citizen's Voice" - impacting the Nuclear Renaissance through Public Involvement" for WM 2011 to be held in March 2011. Dr. Wood will serve as session co-chair supported by Sonny Goldston of SRS and AREVA US.



UPCOMING DINNER— APRIL 21

Tom Tynan, Vice President of Southern Nuclear Plant Vogtle will give an interesting talk on Admiral Eugene Wilkinson. Admiral Wilkinson was the first skipper of the Nautilus Nuclear Submarine and played a role in the formation of the Institute of Nuclear Power Operations (INPO).

Date: April 21, 2010
Place: Newberry Hall
Time: 6:30 Social Time (Cash Bar)
Dinner: 7:00 p.m.
Cost: \$25.00/person (Payment at registration)
Table of 8—\$200.00

Call or email your reservations before April 19th to 803-649-3456 or cnta@bellsouth.net



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