

CNTAware

A BRIEF LOOK BACK AND A LONG LOOK AHEAD

By Clint Wolfe

Well, it hardly seems possible that I've represented CNTA for a whole year. Time flies when you're having fun. We had a good year, thanks to the efforts of Karen and our supportive board and membership.

The uncertainty of contract transitions at SRS and the economic downturn made for a challenging fundraising year. Nevertheless, our corporate sponsors remained supportive and we increased individual memberships by more than 30%. Dawn Haygood and Cindy Kizer, volunteers of the year in 2007 and 2008 respectfully, led our dynamic membership committee. They have even more ideas forthcoming to make you want to drag all your friends and neighbors to an "Up & Atom" breakfast and sign up. Please join your fellow members in responding promptly to our membership drive for 2009.

We had seven breakfast speakers in 2008, one dinner meeting with Chuck Munns as our speaker, and a very successful Edward Teller Dinner with former anti-nuke turned nuclear advocate, Gwyneth Cravens. We also conducted a book signing at Rose Hill estates the night before the Teller Lecture which gave many of our members a chance to meet Ms. Cravens and get an autographed copy of her book, "Power To Save The World: The Truth About Nuclear Energy." We also distributed nearly 30 copies of the book to area schools.

We awarded the Robert Maher fellowship this year to USC engineering major, Andrew Petraca and expanded our essay contest winners to a total of three.

Barbara Smoak earned volunteer of the year recognition for her role in facilitating the essay contest. This year's winners were Cece Wyrick, from Lexington High School, Bryce Cartledge and Isaac Guffey from Evans High School. A new committee on education has been recently formed and we are expecting great things from them in 2009 and beyond.

We supported numerous public hearings related to licensing new nuclear units in both South Carolina and Georgia as well as public hearings conducted by the DOE, NNSA, DHEC and the NRC related to activities at SRS.

We prepared 37 letters to the editor and op-eds for publication in 14 different newspapers including the Salt Lake Tribune and USA Today.

We will continue to do these things in 2009, but in addition, our board is contemplating a strategic planning session where we discuss what additional proactive initiatives, if any, we should undertake. Some of these might be in the area of public policy influence or appealing to a somewhat broader constituency by emphasizing the humanitarian aspects of clean, safe nuclear energy in a global sense.

Certainly, it is my intent that we continue to move from playing defense to playing offense. I learn something new every day about this business and, the more I learn, the more convinced I am that a national commitment to an extensive nuclear program is the answer to our energy needs.

Please continue your support and interest and help us achieve another bump up in our membership. Our credibility with policy makers is a function of the number of voices we represent. Karen and I are looking forward to continuing the momentum in 2009. *We hope you will join us!*

Up and Atom Breakfasts

CNTA hosted our September Up & Atom Breakfast with guest speaker Stephen Byrne, Sr. VP Generation, Nuclear and Fossil Hydro SCE&G at Newberry Hall.

Mr. Byrne's talk centered around how and why SCE&G decided on a \$10 billion project to build two reactors in Fairfield. Highlights of his talk.....Why Nuclear?

- SCE&G needs base load plant by 2016
- Economical over 40 year life
- Advances goal of fuel diversity
- Drops 2020 CO₂ emissions to 1997 levels, while increasing capacity >20%
- Improved regulatory process
- Public support is positive
- 2005 Energy Bill incentives
- Willing in-state partner

Equivalent Wind—Turbines 3 deep (3/4 mile) along entire SC coastline!



Stephen Byrne



Dr. Donald Bridges

On October 21, Dr. Donald Bridges retired DOE-SRS Program Manager for SRS Nuclear Reactor Production, Tritium, and Nuclear Materials Disposition gave an excellent talk on his trip to China. This trip was a delegation of the People to People Ambassador Program that traveled to China to discuss and review the nuclear technology in China. Don provided many beautiful pictures that he took on his trip. Here are some highlights and summary :

- China is a very scenic country with a rich history
- Cities are crowded at all times—day and night
- 200 cities in China have a population of over one million
- China has 1.3 Billion people (21% of the world population)
- China will exceed US as leading greenhouse gas emitter in 2008
- 11 Nuclear Power units, 16 units under construction, add'l units by 2030. By year 2050—China will produce 30% nuclear power
- China has made a major commitment to nuclear power
- Emphasis on nuclear power is just one phase of scientific focus by the Chinese
- China may not fully meet its goals but it will certainly be dominant in civilian nuclear power!

Up and Atom Breakfasts...cont'd

The Global Nuclear Future Realities and Opportunities was the title of Thomas Sanders talk, January 13, 2009. Tom is Vice President/President Elect of the American Nuclear Society. Highlights and closing comments:

- Energy availability is directly tied to national economic health and protecting energy suppliers and deliveries drives the national security strategy of many countries.
- It has been estimated that within a decade nearly 90% of the world's middle-income consumers would live in nations outside the currently industrialized world
- Since this curve was developed, China has been "climbing the ladder" at almost a 9% growth rate
- More than one half of the world's uranium resources are in the "developing world"
- More than 30% of the world's uranium deposits are located in Africa
- Almost all components for large plants will be imported from elsewhere
- Nuclear energy in the U.S. has performed very well; however, the U.S. must meet major 21st century challenges regarding both the domestic and the global nuclear enterprise
 - If we do not adjust to the real world situation, the U.S. will continue to be a consumer of imported nuclear goods and services with little opportunity for nuclear exports and global influence



Tom Sanders

**CNTA MISSION:
TO PROVIDE EDUCATION
AND**

INFORMATION ON:

- **ENERGY SOURCES**
- **MEDICAL APPLICATIONS OF RADIATION**
- **INDUSTRIAL APPLICATIONS INCLUDING FOOD IRRADIATION**
- **NUCLEAR PRODUCTION PROCESSES**
- **NATIONAL SECURITY**

"The achievements of an organization are the results of the combined effort of each individual." —Vince Lombardi, Pro Football Hall of Fame coach

PLEASE SEND IN YOUR MEMBERSHIP APPLICATION AND CHECK TODAY!! YOUR SUPPORT IS SO IMPORTANT.

SEVENTEENTH ANNUAL EDWARD TELLER WRAP-UP



Winner of the 2008 Fred C. Davison Distinguished Scientist Award, Dr. Frank Avignone with his wife Anne pose for the camera at the Speakers Reception before the lecture/banquet.

This is the first time that CNTA has offered a 'book-signing' event the day before the Teller Lecture. It was very successful with over 50 people attending to get a autographed book from Gwyneth Cravens.



Pretty picture of our Chair and Co-Chair of the CNTA Membership Committee, L to R.-Dawn Haygood and Cindy Kizer.



Our guest speaker, Gwyneth Cravens, author of the *Power to Save the World: The Truth About Nuclear Energy*. Eight years in the writing, the book is fundamentally about prejudice based on wrong information about nuclear. Her passion for the truth led her to taking a fresh look at nuclear power generation.

Her book is still available at the CNTA office, but only a few left. Cost is only \$10.00

There are more photos on the CNTA website.





Just two of the many tables of CNTA Members and Guest who attended our 17th Edward Teller Lecture/Banquet. Again this year we had a "full-house" with over 400 people. We are already looking forward to the 2009 event! We hope you are too!

CNTA ESSAY DEADLINE FEBRUARY 28, 2009 —If you have a junior or senior student in your household and reside in Aiken, Richmond or Columbia County School district they could win a \$1,000 scholarship and their school \$500 simply by writing a 1000-1500 word essay. The contest is also open to children or grandchildren of CNTA members. The topics are:

- Safety of Nuclear Power Related to Other Common Risks
- Nuclear Technology Advances in Modern Medicine
- The Expanding Future of Nuclear Science & Technology Around the World

See the CNTA website at www.c-n-t-a.com or phone or email the CNTA office (803-649-3456), cnta@bellsouth.net for information and a application.

SAVE THE DATE...MARCH 20

The SRS Heritage Foundation will present the first public showing of the video, "Displaced", at the USCA Etheredge Center at 7:30pm on **Friday, March 20th**. The video, which has been three years in the making, is the story of the residents displaced from their homes and businesses by the coming of the Savannah River Site in the early 1950's. The story is told through personal interviews and historic photographs. CNTA members are invited to reserve the date and make plans to attend the premiere.

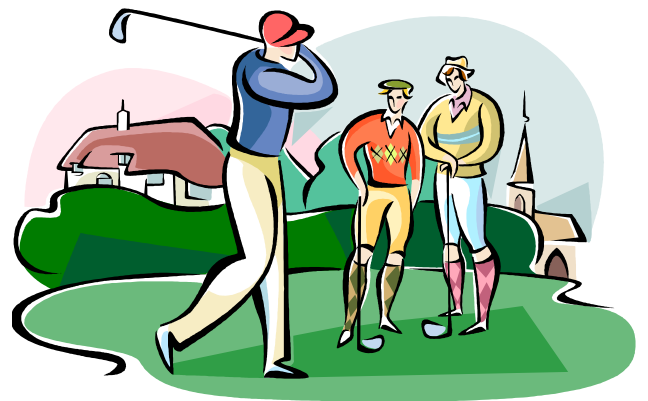


GUESS WHAT'S HAPPENING
ON MAY 8TH, 2009!

THAT'S RIGHT.....

IT'S THE CNTA ANNUAL
GOLF TOURNAMENT!

DO YOU HAVE
YOUR TEAM
TOGETHER YET?



IT WON'T BE LONG BEFORE
THE SPRING FLOWERS WILL
BE BLOOMIN' AND THE GOLFING WILL BEGIN IN EAR-
NEST. OUR TOURNAMENT IS ONE OF THE FIRST OF
THE SEASON, SO PLAN ON JOINING US FOR A GREAT
DAY OF FUN AND PRIZES!!!

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Tim McKinsey, P.G., CHMM
Senior Associate

Robert W. Wilson
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cprice@augustatomorrow.org

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BUSINESS MEMBERS





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Citizens for Nuclear Technology Awareness

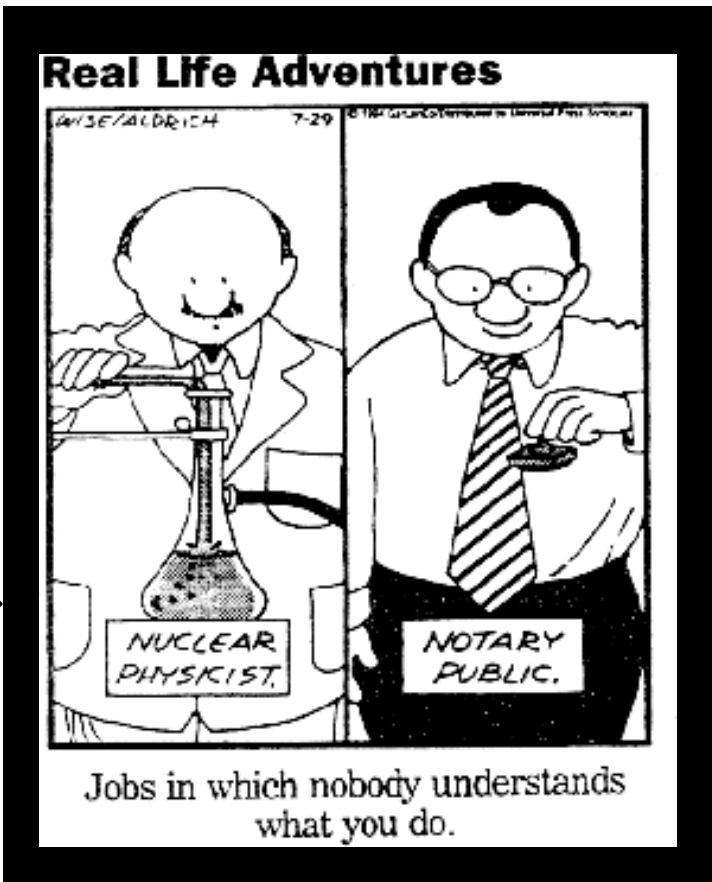
1204 Whiskey Road, Suite B

Aiken, SC 29803

Phone: 803-649-3456

Email: cnta@bellsouth.net

**Clint and Mal say
this guy is a
Chemist not a
Physicist!!**



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