



CNTA *ware*

Winter Edition 2004-2005

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CNTA YEAR-END SUMMARY

Calendar year 2004 was a busy and productive year for CNTA. Some major organization changes occurred. Fred Davison, our Board Chairman passed away April 28th, and was replaced by Dr. Susan Wood. Bill Reinig, our long-time Vice Chairman moved to Annapolis and was replaced by retired Rear Admiral Dean Sackett. Paul Rideout of Security Federal Bank became our Treasurer. In addition, some new committees were formed and old ones strengthened. Karen Bonavita became our Administrative Assistant (Office Manager) in January. The size of our library continues to grow, mainly by contributions from members. The Speaker's Bureau was reorganized and expanded. More changes to strengthen CNTA are in the works. (see "CNTA Plans for 2005").

We held five Up & Atom breakfasts with attendance averaging over 100. Our 2nd Annual Golf Tournament attracted over 100 golfers. The 13th Annual Edward Teller Lecture was held in November with Dr. Henry Wagner as speaker and is reported on separately in this newsletter.

We wrote over 50 letters to editors of newspapers and magazines, most of which were printed. We also submitted 3 guest editorials, all of which were printed, some in more than one paper. We acquired 3 new corporate sponsors, and finished the year with 2500 members. Financially we finished the year "in the black".

We began an effort, now well underway, to obtain a visitor center and museum for SRS. Our initiative to obtain a teaching and research reactor at SRS is progressing well. We devoted considerable effort to obtain new missions for SRS, particularly the Pit Disassembly and Conversion Facility, the MOX plant, the Hydrogen Laboratory, and the Modern Pit Facility.

CNTA Membership Renewal will be mailed in January. Your continued support of CNTA is greatly appreciated and we hope that you consider joining at the Benefactor level this year. We have ambitious plans for 2005 and your support will help us accomplish this.

TELLER LECTURE GREAT SUCCESS!

It was a full house at this year's Edward Teller Lecture/Banquet held November 18th, 2004 at the Augusta Towers Hotel (formerly the Sheraton) in Augusta. Medical College of Georgia was a primary co-sponsor. Our guest speaker was Dr. Henry Wagner, Jr. MD, an international authority on nuclear medicine from Johns Hopkins University School of Medicine. His talk was titled "The History and Future of Nuclear Medicine".

The evening began with General and VIP receptions hosted by RCS Corporation, Areva, and American Nuclear Society. Guests were welcomed by CNTA Chairperson, Dr. Susan Wood and the invocation was given by Father Robert Fain of the Episcopal Church of the Good Shepard. Dr. Wood introduced the head table and special guests and gave a commemoration to Dr. Fred C. Davison. Our Distinguished Scientist Award was renamed the Fred C. Davison Distinguished Scientist Award. This year's winner is Dr. Ned Bibler, Senior Advisory Scientist at the Savannah River National Laboratory, where he has worked since 1965. Dr. Bibler is an internationally recognized expert on radiation chemistry, with emphasis on effect of radiation of materials. Dr. Todd Crawford presented Dr. Bibler with an inscribed crystal bowl.

Dr. David Stern, Dean of Medical College of Georgia School of Medicine introduced Dr. Wagner. Dr. Wagner said that the field of nuclear medicine really got its start in 1946 and has grown ever since. Last year a total of 16 million patients in the U.S. alone were studied or treated using nuclear medicine. In the future, he would like to see patient information on computer chips and for that information to be

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THANK YOU AGAIN FOR YOUR SUPPORT OF THE TELLER LECTURE!

CNTA Members
 Medical College of Georgia
 WSRC
 DOE
 BNFL
 DCS
 Areva
 WSMS
 WGI
 Bechtel
 Wackenhut
 BWXT-SRC
 RCS Corporation
 USCA
 Economic Develop.Partnership
 ANS
 Aiken Technical College
 SRP
 CH2M Hill

Teller Lecture continued from page 1.....

shared on an physician database, which would allow for the best physicians in each sub-specialty of medicine to help diagnose and treat patients.

Dr. Wagner said his proposed international health database would even allow physicians to predict what illnesses or diseases a patient was likely to catch in the future and to eventually head that disease off.



Dr. Wagner's lecture was very informative and gave pause to what he sees for the future of nuclear medicine.

Jeff Allison, DOE Manager of Savannah River Site presented Dr. Wagner with a engraved leather bound book titled "The Faces of Aiken".

Robert Pedde, President of WSRC introduced this year's winner of the Robert Maher Memorial Scholarship. She is a senior at South Carolina State University in Orangeburg majoring in Nuclear Engineering and Physics. Kara Beharry is very proud of her academic achievements and appreciates the \$5,000 scholarship. Kara hopes to pursue ideas and new technologies to store spent fuel. Storage of nuclear waste is extremely important and is a delicate area in the field of nuclear technology. We wish Kara the best of luck in her continued studies and future career in nuclear technology.

If you missed this Lecture, try to join us for our 2005 Lecture.

CNTA PLANS FOR 2005

Strategic planning by the Board of Directors has already led to a number of improvements and will lead to more in 2005. These changes have, or will, include increasing member involvement, expanding our financial base, expanding the geographic area of our influence, increasing the involvement of Board members, making greater use of committees, and improving our website.

Our expanded committee organization is shown elsewhere in this newsletter, and these committees are already working. Members of the Board assisted in obtaining new corporate sponsors to broaden our financial support base.

Still to be done in 2005:

- Strengthen our relations with reporters and newspaper editorial boards outside of the immediate area by scheduling meetings with them for our Chairperson, Vice Chair and Executive Director.
- Strengthen and expand our Speaker's Bureau by adding new talks, upgrading old talks, and making contacts with schools, civic clubs, and professional societies outside the immediate area.
- Strengthen our ties to nuclear utilities in the Southeast.
- Increase and strengthen our relations with elected officials in Georgia and South Carolina by scheduling meetings with them for our Chairperson, Vice Chair and Executive Director.



RETIRED REAR ADMIRAL DEAN SACKETT ACCEPTS VICE CHAIR POSITION



Dean Sackett retired in 1991 after 34.5 years in the U.S. Navy. His assignments included tours in destroyers and nuclear submarines in the Navy's nuclear power program. His career has taken him to many countries.

After retiring from the Navy, Dean worked for the NUS Corporation as Executive Vice President, General Manager of the Aiken, SC office, and Project Manager for that company's technical support services contract with the DOE office at the Savannah River Site. He retired in 1999, lives in Aiken with his wife Marilyn. They are both active in their church and the community.

It seems appropriate to say "Welcome Aboard" Dean, we appreciate you accepting the Vice Chair position at CNTA!

IF YOU NEED A SPEAKER REMEMBER THE CNTA SPEAKER'S BUREAU!!

If you belong to a church, club or civic organization schedule one of our knowledgeable speakers to present a talk to your group. It's **FREE** and we can accommodate any time of the day or evening.

There are many topics that have proven to be very interesting to groups of all ages and backgrounds. Here are some of the groups that have requested our talks: Aiken Regional Auxiliary Volunteers, AMBUCS, Foreign Affairs Club, Aiken Rotary Club, Sons of the Revolution, Fifty Plus Club, Sertoma Club, and many, many more.

Two very popular talks have been: *The ABC's of Radiation*; and *SRS-Past, Present & Future*.

Over 75 clubs/organization/churches have heard our talks!

From Modest Beginnings, CNTA Has Grown In Status As Nuclear Educator

The creation of Citizens for Nuclear Technology Awareness (CNTA) was announced with considerable fanfare in January 1992 with well-attended press conferences in Augusta and Columbia.

Newly installed Chairman Mike Hosang, then an Aiken realtor and now Vice Chancellor for Development at USC Aiken, described the purpose of the new grassroots advocacy group in a single word: Education.

“CNTA was created for the sole purpose of carrying out educational programs designed to provide factual information about the benefits and risks of nuclear technology, particularly as it relates to the Department of Energy’s Savannah River Site,” Hosang said.

The twin press conferences announced the new group would provide factual information on nuclear issues to be a counterpoint to the anti-nuclear mis-information in the news that often went unanswered.

As a third party citizen-based advocate, CNTA offered experts who could talk about any type of nuclear event and put the hazards in context in a way that laymen could understand. No jargon. No gobbledey-gook. Just plain-spoken facts.

Thus, CNTA was born and grew. From its modest beginnings with a handful of interested citizens, the organization has expanded today to more than 2,500 members from several states and diverse walks of life – from homemakers to scientists, from engineers to elected officials, from clerks to CEOs.

Within two years of its formation, the reigns of CNTA were handed off to – who else? – an educator. Dr. Fred C. Davison, former President of the University of Georgia, succeeded Mike Hosang as Chairman and remained in the post until his death in 2004. Dr. Davison understood the importance of education and the power of facts in shaping opinions and altering perceptions.

“Fear is the child of ignorance”, he would say. It aptly captured what was happening in the nuclear arena. People simply were not well informed, so they assumed – and believed -- the worst. The government and the industry tried to communicate. But the public usually got lost in bureaucratic doublespeak or too much techno-babble.

Under the leadership of Fred Davison – ably assisted by Bill Reinig, a retired SRS health physicist who served side-by-side with Davison as the group’s articulate Vice Chairman – CNTA set about to change old ways of thinking, fill in fragmented information gaps and reshape misguided opinions about nuclear energy.

First, there were Letters to the Editor. Then, there were newsletters followed by sit-down sessions with newspaper editorial boards. Regular breakfasts for the members, named by Reinig “Up & Atom”, was created and featured knowledgeable speakers on a nuclear-related topics.

Then came a giant.

Dr. Edward Teller, whom history has dubbed “The Father of the H-Bomb”, accepted CNTA’s invitation to come to Augusta to speak about his first-hand experiences in shaping the history of nuclear energy. Frail and leaning on a walking stick that was as tall as he, the 87-year-old scientist mounted the stage at the Augusta Radisson and begin to speak from a sitting position.

He held a full house of nearly 400 community leaders and SRS managers spellbound as he talked of the important role that nuclear energy has played – and would continue to play – in American life. He talked of the need to find suitable disposal solutions for nuclear waste and of the vital role of the Savannah River Site.

“Losing the talents and resources of these 25,000 workers would be nothing short of a national tragedy,” he said, adding “If we want safe and clean energy, we should accept fission reactors. Unfortunately, the fear of the technology is widespread, and will be hard to eradicate. Therefore, reactors must not only be safe; we must make them obviously safe.”

He finished his remarks to a standing ovation.

And so, The CNTA Edward Teller Lecture was born with Dr. Teller’s blessing.

In succeeding years, a stellar cast of great minds would follow Teller -- James Schlesinger, former Secretary of Energy and head of the CIA, former Senate Majority Leader Howard Baker, Senator Pete Dominici, utility executive Bill Lee.

Each would bring a unique perspective and new insight. Each would praise the Cold War contributions of the Savannah River Site and underscore the need for new missions in the post-Cold War era.

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*From Modest Beginnings,
continued from Page 3*

Today, under the leadership of Chairperson Dr. Susan Wood, retired Director of the Savannah River Technology Center, (now Savannah River National Laboratory) and Executive Director Mal McKibben, CNTA's primary purpose still centers around education and factual information. It now has an expanded role, promoting new missions for the Savannah River Site, a goal the late Dr. Teller would applaud. This mission takes on greater significance as the site's missions to cleanup their cold war legacy are completed.

Potential new missions include programs intended to make South Carolina the nation's leader in hydrogen and fuel-cell technology. Hydrogen is considered one of the fuels of the future because water, its source, is readily available and burning hydrogen is harmless to the environment. If research is successful, hydrogen and fuel cells may be used to generate electricity or to power vehicles, eliminating the need for gasoline and reducing the country's dependence on foreign sources.

Other potential missions are focusing on the biotechnology resources of the Savannah River National Laboratory and possible use of the Site's vast protected land mass as an energy demonstration park incorporating advanced reactor technologies.

The story of CNTA is the story of the American public's love-hate relationship with nuclear technology, of its fear of the unknown and the poorly understood, of its belief in the demonstrated benefits of the harnessed atom, of its pride in America's military dominance, and of its own struggle to come to terms with a new definition of personal safety in the post 9/11 world.

With support of its expanding membership base and the energy of its dynamic leadership, CNTA will continue to tell the story of nuclear energy based on the facts. No one doubts that it is a long struggle and that carrying on the fight could not be more important.

¹Michael Butler served as an "information director for the Atomic Energy Commission before becoming Executive Director of CNTA from 1992 to 1999. He now is CEO and President of a media relations company in Charlotte, NC.



STATUS OF PREPARATIONS FOR SRS HERITAGE CENTER

By Walt Joseph

Work in preparation for the SRS Heritage Center is continuing. The primary emphasis to date has been on preserving artifacts that otherwise would be destroyed when buildings are demolished as part of the D&D (Deactivation and Decommissioning) program at the Site. The goal is to preserve artifacts that might be useful in interpreting the role of the Site for visitors to the Heritage Center. An artifact selection team, including members from DOE, WSRC, the State Historic Preservation Office, and CNTA is meeting monthly to review status, discuss plans, and develop procedures.

The initial focus is to save artifacts from the former Pile Physics Building (777-10A), which will be destroyed early next year. A team, including knowledgeable retirees, searched the building and identified artifacts to be preserved. All portable artifacts (including models, signs, portable equipment, etc) identified by the team have been removed. Installed equipment, including the complete PDP control room and the reactor tank top are scheduled for removal in January.

Artifacts are being stored temporarily in the Assembly Area of Reactor Building 105-C. This area is being used as a temporary conservation facility until a permanent facility is available.

Another team recently completed an inspection of facilities in F Area in preparation for D&D work that will begin there next year.

The siting study has been received from Lord, Aeck & Sargent, Inc. of Atlanta, historic architects. The study recommends use of Building 742-A as the Heritage Center. This 22,000 square foot building appears to be well suited for our museum and educational needs. The siting study has been transmitted by CNTA to DOE for evaluation.

The SRS Heritage Foundation, Inc. has been registered in South Carolina and tax-exempt status has been applied for. The Foundation will be separate from, but closely allied with, CNTA. Recruiting members of the Board of Directors will begin as soon as tax-exempt status is approved. Fund raising of seed money for final design will be the first order of business.

WE NEED YOUR HELP WITH THE SPEAKER'S BUREAU!

By Steve Sheetz

The Speaker's Bureau is a prime outreach for CNTA – a chance to get beyond the SRS crowd. Since its inception, a primary goal for CNTA is the education of the public about all things nuclear – medicine, power, and science, and yes, defense. We are expanding and improving this outreach with more up-to-date talks and a focus not just in the Aiken-Augusta area, but regionally. Our premise has been an educated public, with a good understanding of the benefits of the atom, will be overwhelmingly supportive. We want to grow that support.

Although somewhat transparent to the membership, the Speaker's Bureau has been quite active for several years – giving over 75 talks to civic and school groups. We are expanding our database of civic clubs and making personal contacts to get speaking engagements. We are investigating ways to develop educational programs for schools that fulfill education credits for teachers in both South Carolina and Georgia.

Now we need your help. We are interested in finding members that are willing to become ambassadors for CNTA and all things nuclear. We want to find civic groups and school classes that want informative factual programs. At the end of this article is the current library of talks that we offer. We are willing to make custom presentations if need be. Please, PLEASE, let us know of any organizations – civic, professional, church or social - of which you are a member that need speakers for their meetings. Call or email the CNTA office with the name of this year's program chair.

In closing, everyone should thank Todd Crawford for his guidance to Speaker's Bureau. It has been a true benefit to the CSRA and an important part of CNTA. We want your input, and more importantly, your talent, to help expand this program to its full potential.

Current topics:

ABC's of Radiation	CNTA Overview
Economic Impact of the SRS	Food Irradiation
Global Warming	Hydrogen Fuel
The Need for Nuclear Power	Radiation Medicine
SRS-Past, Present & Future	Nuclear Risks with Everyday Risks
	Fusion-Energy for the Future
	Health Effects of Low Levels of Radiation
	Plutonium Disposition and MOX Fuel – Swords into Plowshares
	Environmental Restoration at the Savannah River Site
	A Museum and Heritage Center
	Savannah River National Lab the Nation's Newest
	Transportation of Radioactive Materials
	Why do we need the Modern Pit Facility?

Contact numbers:

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CNTA COMMITTEE ORGANIZATION 2004-2005

The following is a list of CNTA committees that are currently in place and working towards our 2005 goals.

BOARD OFFICES:

Chairperson	Susan Wood
Vice Chair	Dean Sackett
Treasurer	Paul Rideout

<i>Executive Committee</i>	Susan Wood, Chair Paul Rideout (Ex Officio) Susan Cathey	Dean Sackett, Vice Chair Keith Wood Bill Reinig
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STANDING COMMITTEES:

<i>Fred C. Davison Distinguished Scientist Award</i>	Todd Crawford, Chair Major Thompson	Carol Jantzen Ed Albenisius
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<i>Robert Maher Memorial Scholarship</i>	Susan Wood, Chair Susan Graham	Ralph Byington Keith Wood
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<i>Finance</i>	Susan Cathey, Chair Craig McMullin	Paul Rideout (Ex Officio) John Paveglio
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<i>Membership Family Business Corporate</i>	Vacant, Chair Susan Cathey Vacant Keith Wood	
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<i>Golf Tournament</i>	Susan Cathey, Chair Mel Buckner Frank Shallo	Steve Sheetz Stan Goodman
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<i>Membership Cultivation (Up & Atom Breakfasts, Teller Lecture, etc.)</i>	Mal McKibben, Chair Karen Bonavita	
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<i>Nominations</i>	Susan Wood, Chair Keith Wood Todd Crawford	Dean Sackett Bill Reinig
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<i>Outreach Letter, Op-Eds Press Releases Newsletters</i>	Mal McKibben, Chair Susan Wood Keith Wood	Bill Reinig Susan Cathey Paul Rideout
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<i>Edward Teller Lecture/Banquet</i>	Mal McKibben, Chair Susie Grant	Karen Bonavita Frank Shallo
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<i>Speaker's Bureau</i>	Steve Sheetz, Chair Mel Buckner Ken Stephens Craig Martin Susie Grant	Todd Crawford Bill Wabberson Gail Jernigan Ben Cross Mal McKibben
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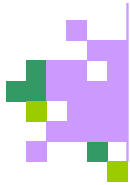
AD HOC COMMITTEES:

<i>Heritage Center</i>	Walt Joseph, Chair Don Orth Lee Poe	Todd Crawford Bob Young
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<i>SUNRISE Research/Teaching Reactor</i>	Mel Buckner, Chair Mal McKibben	Joe Kelly
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<i>WEBMASTER</i>	CNTA Site	Jeff Allender
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<i>STAFF</i>	Executive Director Administrative Assistant	Mal McKibben Karen Bonavita
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Check out our new and improved
website at
WWW.C-N-T-A.com

2005 CNTA ANNUAL CHARITY
GOLF TOURNAMENT

We're already making plans for the 2005 CNTA's Annual Charity Golf Tournament. This will be the 3rd year that we hold the event. Each year gets bigger and better. Everyone had a great time last year and we had many good prizes, including a grand prize of six days at Bent Creek Golf Resort in Gatlinburg, Tn. This was a very generous gift from Walt and Paula Joseph, long-time members of CNTA.

We'll keep you informed on our progress.



Gee, Mom Look What I Found!

Emma Robbins, granddaughter of Ken Stephens. Ken took this special effects photo and others as part of unique photo album he made for Emma this Christmas.

Great Job, Ken!

TO :

PRESORTED STANDARD
 U.S. POSTAGE PAID
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