

# Heading

## CNTA Autumn 2003 Aware!

It has been a long time since we put out a newsletter, so we have a lot to tell you about. We hope to issue newsletters quarterly in the future.

Last year we had five very successful breakfasts and in 2003 we have had five, with two more scheduled. These are listed in the table below.

These breakfasts have proven to be very popular; in fact, we have sold out all available seats at several of them. The *Augusta Chronicle* and the *Aiken Standard* have given us good coverage for these. We plan to hold some future breakfasts at the North Augusta Community Center

We are always looking for speakers.



DATE	SPEAKER	TOPIC	SPONSOR
March 5, 2002	John Conway, DNFSB	The Defense Nuclear Facilities Safety Board and 12 Years of Work	Foster Wheeler/BNFL
May 7, 2002	William Hoehn, GA Tech	A Citizens Guide to Counter-Terrorism and Homeland Defense	Wackenhut
June 18, 2002	Ralph DiSibio, Washington Group	A look at the newly formed Energy & Environment Unit of the Washington Group	WSRC
October 8, 2002	William D. Magwood, DOE	Initiatives for Nuclear Science, Technology and Power in the U.S.	EDP
November 12, 2002	Ambassador Linton F. Brooks, NNSA	National Security: How we will meet 21 <sup>st</sup> century challenges.	Wackenhut
February 25, 2003	Dr. William Summers, SRTC	Hydrogen: Fuel of the Future	Washington Energy & Environment
April 29, 2003	Chris Hamilton, General Atomics	Status of Fusion Energy Research	
May 5, 2003	Dr. Dade Moeller, Harvard	The Scientific Basis for Yucca Mountain	Local ANS and HPS
July 15, 2003	Dr. Robert Brownlee, Consultant	Nuclear Weapons Testing Program	Local ANS
August 5, 2003	Congressman Gresham Barrett	Legislative Issues on Nuclear Activities	EDP
September 16, 2003	Ted Quinn, Former ANS President	Path Forward for Nuclear Power	Framatome/Parsons
October 14, 2003	Ken Baker, NNSA	Non-Proliferation Programs and National Security	Washington Group/WSMS

# Edward Teller

## Lecture/Banquet

Last year's Edward Teller Lecture drew over 700 people to hear Dr. Corbin McNeill speak on the future of nuclear power. He had recently retired as chairman and co-CEO of Exelon Corporation, America's largest nuclear utility. At that event we announced that Dr. Susan Wood, recently retired Director of the Savannah River Technology Center was our 2002 CNTA Distinguished Scientist.

Plans are firm for the 2003 (12th Annual) Edward Teller Lecture on October 28, 2003. Our speaker will be Dr. John S. Foster. Dr. Foster has had a distinguished career. He was an early Director of Lawrence Livermore National Laboratory; has served as Director of Defense Research and Engineering for the Department of Defense for eight years; he was a consultant to the President's Science Advisory Board and the Defense Science Board. He recently chaired a committee that reported to the Senate Armed Services Committee what would be needed to assure that our nation's stockpile of nuclear weapons would remain viable.

# Speakers'

## Bureau



Our Speakers' Bureau has been very active, and we expect it to pick up even more when schools get going this Fall.

In 2002, twenty-nine talks were given. We estimate that about eleven hundred people heard these talks. Thus far in 2003 we have given eleven, and have nine more scheduled. We urge all our members and friends to help get us invitations to speak; perhaps at your child's school, your civic clubs, or church

# Center for International Trade and Security (CITS)

Over the past few years, we have provided technical support to Russian (MINATOM) training programs being conducted by CITS, which is located at the University of Georgia. Within the past year, Dr. Allen Blancett participated in two such training missions in Moscow. Allen discussed the importance of, and methods for safeguarding and accounting for plutonium and enriched uranium, and also methods used in the U.S. to assist laid-off employees find jobs or continue their education, when nuclear plants are closed or "downsized."

# Bob Maher Memorial Scholarship



All of us were deeply saddened by the unexpected death of Robert (Bob) W. Maher last September 14th. Bob had worked at SRP/SRS for his entire career, beginning in 1953. At the time of his death, he was Vice President and General Manager of Strategic Planning and Mission Development for WSRC. Bob Pedde, President of WSRC said, "Bob Maher was a phenomenal resource to me and to everyone who preceded me." Bob Maher was a long-time member of CNTA's Board of Directors.

The Bob Maher Memorial Scholarship, funded by WSRC and administered by CNTA, was set up in early 2003 to award a \$5,000 scholarship annually to science or engineering students who are planning a nuclear career.

The Scholarship Committee is chaired by Dr. Susan Wood, retired Director of the Savannah River Technology Center. Committee members are: Dr. Jeff Priest, USC-Aiken; Dr. Susan Graham, President, Aiken Technical College; James Gallman, Aiken County School System; and Keith Wood, Director, WSRC Public Affairs.

Applications for the scholarship were received from students at the Medical College of Georgia, Georgia Institute of Technology, South Carolina State University, and the University of South Carolina. The winner was Mr. Christopher J. Fong of Georgia Tech. Mr. Fong will be recognized at our Teller Lecture/Banquet on October 28th.

# R Reactor 50th Anniversary

By Stan Goodman

The world's first heavy water moderated nuclear materials production reactor went "critical" for the first time on the 4 to 12 shift on December 28, 1953. DuPont's Engineering Department and Argonne National Laboratory collaborated on the design. CNTA is organizing a reunion of people who were assigned to R Area on that date; so far about 75 have been located. There will be a barbeque luncheon at the North Augusta Community Center at noon on October 28th, where past friendships will be rekindled and many "war stories" swapped. Frank Kruesi, who helped with writing of the reactor startup procedure and later advanced to higher management positions in the DuPont Company, will be the luncheon speaker. Frank now lives in Boise, Idaho.

That evening, several of the participants will be our guests at the Teller Lecture in Augusta, Georgia, for a brief recognition of the 50th Anniversary. All of us who helped with the design, construction and operation of the Savannah River reactors, are justifiably proud of our small part in winning the "Cold

# Preservation of Historic SRS Facilities

By Walt Joseph

The CNTA Board of Directors voted, at its July 24th meeting to form a committee to plan for an SRS museum and visitor's center. SRS is probably the only major DOE site that doesn't have such a facility. Walt Joseph was appointed to chair the committee to lead this effort and provide input to the Department of Energy and the South Carolina State Historic Preservation Office on historic preservation issues.

DOE is actively engaged in Deactivation and Decommissioning activities that will result in destruction of a large number of Site facilities in the next decade. The National Historic Preservation Act requires DOE to consider impacts of its activities on historic properties. DOE-SR plans to "mitigate" destruction of SRS buildings by collecting plans and photographs prior to demolition.

Public comments at meetings in North Augusta on July 8th and Columbia on July 10th showed strong support for preservation of a small number of historically-significant facilities for potential inclusion in a SRS visitor's center/museum/library complex. The most urgent need is for preservation of Building 777-10A which houses the Process Development Pile and is slated for demolition beginning in FY 2004.

## CNTA's Truth Squad



You have probably noticed that the antinuclear groups have been encouraging their followers to write letters-to-the-editor. They have been quite successful in getting their letters published even though they are not constrained by the truth.

We want all of our members to consider becoming a member of a Truth Squad to correct such misinformation when it appears in letter or in news articles. We believe that there is value in having letters published from many people, not just from our Executive Director. Members of the Truth Squad would write letters to editors of newspapers and magazines to counter incorrect reports. These letters would be signed by the writers, not by CNTA, but we would like to coordinate this activity. And, we are willing to help any writers who want help. An informed electorate is the best defense against the highly emotional attacks of the antinukes. Those of us who have factual and objective knowledge should make our voices heard. If you are willing to be a "Truth Squad" member, give us a call at 800-299-2682 or 649-3456.

# *A University Research Reactor at SRS... Fact or Fiction?*

**By Mel Buckner and Joe Kelly**

CNTA is working hard to make a university managed research reactor at SRS a fact. Mel Buckner has chaired our CNTA effort, and Joe Kelly has provided technical support. Largely through our leadership a consortium has been formed to champion just such a reactor at a DOE site in the Southeast. The Southeast Universities Research Reactor Consortium (SEURR) includes 16 universities from 8 states in the southeast, industry partners, the Economic Development Partnership of Aiken and Edgefield Counties, Oak Ridge National Laboratory, and the Savannah River Technology Center. The Consortium has reached a consensus and written a basic justification for a new research reactor. It has also begun to address some of the technical questions related to research needs, reactor type, etc. A Steering Committee was formed, chaired by Farzad Rahnema, Chairman of Nuclear Engineering at Georgia Tech.

The effort toward making a research reactor at SRS a reality has begun, yet most of the work lies ahead. Members of the Consortium traveled to the National Institute of Standards and Technology (NIST) to discuss research needs and reactor design requirements. A proposal presentation to DOE, Congressional committees, and others, describing the justification and unique research mission of a new university research reactor will be ready later this fall. A workshop jointly sponsored by DOE and industry will be held to develop additional input on design requirements and enlist additional partners in the Consortium. Support for a full proposal and preliminary design will also be sought.

The Consortium recently sent a letter to Representative Judy Biggert (IL), Chair of the House Subcommittee on Science, introducing the organization and the concept of a modern research reactor, managed and operated by a university-led consortium, sited at a DOE facility in the southeast. Copies of the letter were provide to Secretary of Energy Spencer Abraham, other DOE officials, and our Congressional delegation. The Subcommittee held hearings in June on The Future of University Nuclear Science and Engineering Programs.

There is a long and complex road to travel before a university research reactor at SRS is a fact; but it is definitely no longer fiction.

## *Governor Sanford's Nuclear Advisory Council*

Bill Mottel has been appointed to the Governor's Nuclear Advisory Council by South Carolina Governor Mark Sanford. Bill is a

former DuPont Plant Manager of the Savannah River Plant, senior DuPont executive, and Chair of the National Safety Council. He is now living on Hilton Head Island and is on Hilton Head's City Council and the Low Country Council of Governments. He is also on CNTA's Board of Directors.

Other members of interest to CNTA who are on the Nuclear Advisory Council are state Senator Greg Ryberg, state Representative Skipper Perry, and Ben Rusche. Ben, a former SRS (DuPont) employee has been named Chairman of the Council.

# Fore!



## 1st Annual CNTA Open Golf Tournament Friday, October 3rd, 8:00 AM

### Houndslake Country Club in Aiken, SC

Houndslake Country Club is located in Aiken, SC. The 27-hole course was designed in the early 1970s by noted architect Joe Lee, whose credentials include LaCosta, Doral, Cog Hill, and three of the five courses at Disney World.

To get to Houndslake from Augusta, take US 1 to SC Highway 478 (Aiken Bypass), on the outskirts before you get into Aiken. Go right on 478 to the 4th traffic light (Houndslake Drive). Go right until you come to the clubhouse.

**8:00 AM Shotgun Start / Registration 7:00 AM**

**Four Person Captain's Choice Format**

**Entry Fee Includes: Green Fee, Cart, Lunch**

**Prizes:**  
Closest to Pin/Longest Drive/Score

**Food:**  
Hamburger Buffet



For Information Call:  
**Tina Frazier (803) 649-3456**  
E:MAIL [CNTA@mindspring.com](mailto:CNTA@mindspring.com) with names & handicaps

### Proceeds benefit Citizens for Nuclear Technology Awareness

Citizens for Nuclear Technology Awareness (CNTA) is a non-profit organization founded in 1991 by a group of citizens who saw a need to create a balance of factual information on the real risks and benefits of nuclear technologies.

CNTA offers many programs to help educate the public on current nuclear issues including nuclear power, nuclear medicine, and food irradiation.

CNTA is also actively involved in bringing new missions to SRS as well as new business and technologies to the CSRA in order to sustain and improve the area economy.

### Open to All

You may sign up as individuals, pairs  
or teams (Min. Team Handicap 70)

**Mulligans Available**

**Food Fun Prizes**

**Support CNTA**

**Play Golf !**

### Entry Form

Complete, attach check to  
CNTA Golf Tournament  
and send to:

**Tina Frazier**  
CNTA, 1204 Whiskey Road, Suite F  
Aiken, SC 29803

**Entry Fee: \$ 60.00**

Name:

Handicap (32Max.):

Entry Deadline: Friday, September 26, 2003

Loosen your lederhosen, it's

 **October Fest**  
2003!

Come Celebrate Fall with CNTA and  
the Aiken Brewing Company at  
October Fest 2003!

Monday, October 27, 2003

Newberry Street

6:00 p.m. to 11:00 p.m.

(Oompah Band 7:00 p.m. to 10:00 p.m.)

Tickets: \$10 (include German buffet)

T-Shirts: \$20 prior to day of event (wear your shirt to  
October Fest and get free admission, including buffet.)

T-  
tickets

shirts and  
available  
through

**FOOD**  
**DANCE**  
**CHILDREN'S**  
**PLAY AREA**  
**CN**

# Interfacing With The News Media

## Guest Editorials

In 2002, and thus far in 2003, we submitted several proposed guest editorials to local newspapers; three were printed, one in the *Aiken Standard*, one in the *Augusta Chronicle*, and one in *The State*. These editorials gave our positions on the Modern Pit Facility (MPF) and the Mixed Oxide Fuel (MOX) facility. One that was not printed was on the nation's excellent experience in transporting radioactive materials. We plan to re-submit that one at a later date.

## Letters to the Editor

In 2002, and thus far in 2003, we submitted about 80 letters to editors of local and national newspapers and magazines. Quite a few of these have been printed, including one in *National Geographic*.

## News Interviews

We are pleased to report that CNTA is becoming recognized by many in the news media as a place to get factual, objective information on nuclear subjects. Of course, we get calls regularly from the *Aiken Standard* and the *Augusta Chronicle*, but in the past year we have been interviewed, sometimes more than once, by the *Greenville News*, the *Charleston News & Courier*, *The State* (Columbia), the *Denver Post*, the *Chicago Tribune*, the *Jacksonville Daily News*, the *Salt Lake City Tribune*, the *New York Times*, and others. We were also interviewed by several local radio and TV stations, and once by *The Jim Lehrer News Hour* on national public television.

In addition, *Nuclear News*, the monthly magazine of the American Nuclear Society, printed in the September 2003 issue an article we submitted on CNTA and our role in public education and nuclear advocacy.

# Preserving a National Resource: Mark 18As

Eighty-six targets containing "deep burned" plutonium were irradiated in an extended radiation in K-Reactor at very high neutron flux ( $6 \times 10^{15}$ ) to make a number of rare higher isotopes. Twenty-one of these were shipped to ORNL in 1972, where approximately one gram of Pu-244 was purified and made into standards at New Brunswick Laboratory. This Pu-244 has been used to spike samples taken in locations where covert weapons programs were suspected. The Pu-244 increases the sensitivity (detecting very small amounts of Pu) and the accuracy of the Pu isotopic analysis.

The remaining sixty-five targets are still in storage in L-Area basin. The californium-252 in these targets has decayed, but they contain 20 grams of Pu-244. DOE-Environmental Management listed these as materials to be irretrievably disposed of unless some DOE office took custody of them. CNTA has been working with ORNL and WSRC to refine methods for recovery and to assist in obtaining congressional funding. Meetings have been held with DOE's Office of Security and the National Nuclear Security Administration. The latter office has agreed to take custody of the material. One meeting was held with staff personnel from the Tennessee and South Carolina Congressional delegation to alert them to this future funding need.



# Testimony At Public Hearings

## MOX

NRC held a hearing in North Augusta on March 26, 2003 to obtain input on its Draft Environmental Impact Statement (EIS) for the Mixed Oxide (MOX) Fabrication Facility. CNTA presented testimony and arranged for several technical experts to present testimony.

CNTA's complete testimony may be found on our website. The biggest problem we found with the Draft EIS was with the hypothetical worst-case accident scenario and its effects. The scenario is a hypothetical fire that releases plutonium and tritium over a 50 mile radius, settles on food that is eaten by people, causing many latent cancer deaths.

NRC guidance is that the analyzed accidents should be "reasonably foreseeable." For numerous reasons, detailed in our testimony, this accident and its consequences are not only NOT "reasonably foreseeable," but they are impossible.

NRC has just announced that the issuance of the final EIS is delayed (for the second time) because of comments they received. It is now due the end of November.

## MPF

DOE held two hearings in North Augusta to receive input on the EIS for the Modern Pit Facility (MPF). The first was October 29, 2002 on DOE's intent to build the MPF and its location. The second was July 7, 2003 on the Draft Environmental Impact Statement.

CNTA arranged for 10 of our members to make presentations on technical issues and on SRS advantages over competing sites. Mal McKibben gave testimony (that is on our website) on the safety of plutonium transportation and why other sites do not have an advantage (as they are claiming) because of transportation distance.

Both of these hearings were well attended by several dozen antinuclear activists bused in from around the Southeast. Their testimonies were, as usual, loud, rude, emotional, and generally factually incorrect. Their consistent theme was that the MPF should not be built at all, anywhere.

# CNTA'S Website [www.c-n-t-a.com](http://www.c-n-t-a.com)

We hope that you occasionally check out our CNTA website. We try to keep it interesting with reports, letters-to-the-editor, position papers, etc. We welcome your suggestions on how to make it better. We know that antinuke groups visit it occasionally to see what we are up to, so should our members and supporters.

# The CNTA Library

CNTA has amassed quite a collection of information in its library and we continue to add more each month. Following is a list of its contents. We invite our members to come by and check out items

## Library Catalogue

### Books

- |  |   |  |
|--|---|--|
| Adventures in the Atomic Age   | Opening a Radioactive Waste Disposal Site   | Nuclear Power Plants Safe?   |
| Alternative High-Level Waste Treatments  | On the Home Front   | Nuclear Energy: How Nuclear Power Plants Work                                |
| America the Powerless  | Plutonium and Highly Enriched Uranium 1996 World Inventories, Capabilities and Policies                     | Nuclear Energy: It's All About Clean Living                                  |
| Biology, Third Edition   | Research Reactor Aluminum Spent Fuel: Treatment Options for Disposal  | Nuclear Energy: Power for People   |
| Biology: Living Systems  | Research, Training, Test and Production Reactor Directory, United States of America, Second Edition         | Nuclear Energy: What has it done for us lately?                              |
| Biomedical Ethics, Third Edition   | Risk: A Practical Guide for Deciding What's Really Safe and What's Really Dangerous in the World Around You | Nuclear Fuel: A Little Goes a Long Way                                       |
| Broad Economic Impact of Nuclear Power   | Risk-Benefit Analysis   | Nuclear poster   |
| Building the Bombs: A History of the Nuclear Weapons Complex   | Savannah River Site at Fifty  | Nuclear Science & Technology: Crucial to Sustainable Development             |
| Chemistry Survival Skills  | Study Guide for Chemistry, Second Edition   | Nuclides and Isotopes-15th ed.-Information Booklet                           |
| Chemistry, Second Edition  | Understanding the Outcomes of Megaprojects  | Nuclides and Isotopes-15th ed.-Wall Chart                                    |
| Chemistry: The Central Science, Fifth Edition  | Writing Papers in the Biological Sciences   | Q&A: Nuclear Energy Facts  |
| Foundations of College Chemistry, Sixth Edition  | <b>Brochures &amp; Fact Sheets</b>  | Radiation and Innovation: The Legacy of Marie Curie                          |
| Has Radiation Protection Become a Health Hazard  | An Amphibian's Eye View of Wetlands   | Radiation: Around us all the time ...  |
| History of DuPont At the Savannah River Plant  | Blue Sky to Red Planet  | Radiation: We Know You Have Questions. Here Are Some Answers.                |
| Human Heredity: Principles and Issues, Third Edition   | Nuclear Career Poster   | Reducing Carbon Dioxide Emissions: Moving Toward the Targets?                |
| Improving the Scientific Basis for Managing DOE's Excess Nuclear Materials and Spent Nuclear Fuel                  | Careers in Nuclear Science and Technology   | Resources Available from the SREL  |
| Introduction to Chemical Principles, Fifth Edition   | CNTA Speaks: Speakers' Bureau   | Safety in Motion: Transportation of Radioactive Materials                    |
| Kimber-Gray-Stackpole's Anatomy and Physiology, Seventeenth Edition  | The Atoms Family Coloring Book  | Salt Waste Processing Facility   |
| Linking Legacies: Connecting the Cold War Nuclear Weapons Production Processes to their Environmental Consequences | Energized with Possibilities...   | Set-Aside Areas of the SRS   |
| Management and Disposition of Excess Weapons: Plutonium  | Estimate Your Personal Annual Radiation Dose  | SRS - Biodiversity   |
| Management of Terrorist Events Involving Radioactive Material  | Facts About Radiation   | SRS - National Environmental Research Park                                   |
| Memoirs: A Twentieth-Century Journey in Science and Politics   | Guide to Nuclear Energy   | Testing of Spent Fuel Transport Casks  |
| Now It Can Be Told: The Story of the Manhattan Project   | High-Level Waste: What Will We Do With Used Nuclear Fuel?   | The Savannah River Plant: The Tradition, The Commitment, The Facts           |
| Nuclear Energy Data  | Irradiated Food for Astronauts  | Transportation: Casks for Used Nuclear Fuel Transport                        |
| Nuclear Power: Villain or Victim?  | Low Level Waste: What Should We Know About It?  | Transportation: History of Shipments of Used Nuclear Fuel                    |
| Nuclear Reactions: The Politics of   | Making the 'Site Choice'  | Transportation: Safety Record  |
|  | Meeting Our Clean Air Needs With Emission-Free Generation: The Need for Nuclear Energy                      | Transportation: Specialized Training for Emergency Response Teams & Carriers |
|  | Mother Nature's Reactor   | Transportation: The Sandia National Laboratories' Tests                      |
|  | Nuclear Energy: How Do We Keep  | Transportation: Transportation Routing and Regulation                        |
|  |   | Transportation: Why Used Nuclear Fuel  |

Should Be Moved to Central Storage	Carolina and Georgia	Plutonium: The First 50 Years, U.S. Plutonium Production, Acquisition, and Utilization from 1944 through 1994
Transporting Radioactive Materials	Education and Training	Processing of Irradiated, Enriched Uranium Fuels at the Savannah River Plant
Used Nuclear Fuel: Handled with care	Electricity and the Environment	Protecting the Earth
What do you know about Low-Level Radioactive Waste?	Electrometallurgical Techniques for DOE Spent Fuel Treatment	Protecting the Seas
<b><u>Conferences</u></b>	Energy	Radiation and Health
Briefing Book (The Disposition of Weapons Grade Plutonium and HEU)	Energy Choices	Radiation protection
In Situ Experiments Associated with the Disposal of Radioactive Waste	Energy for Development	Radiation Safety
Nuclear Production of Hydrogen	Energy Planning	Radiation Technologies
The Enduring Nuclear Fuel Cycle: Proceedings of a Panel Discussion	Environmental Development	Radioactive Waste
<b><u>Courses</u></b>	SRS Environmental Report for 1997 Summary	Radioactive Waste
Radiochemistry (2 copies)	SRS Environmental Report for 2001	Results of the Nuclear Materials Processing Needs Assessment: Summary of Team Working Notes
Radiochemistry (videos)	Experimental Observations on the Roles of Cadmium Pool in Mark-IV Electrorefiner	Safeguards and Industry
The Atom and Society: A Supplement for High School Social Studies Classes	Final Data Report Response to the Draft Surplus Plutonium Disposition Environmental Impact Statement Data Call	Safeguards and Non-Proliferation
<b><u>Disks</u></b>	Frontiers	Safeguards and Non-Proliferation
50th Anniversary Symposium Presentations	Future Safeguards	Safeguards and Nuclear Energy
Capabilities Overview	Globalization of Nuclear Safety	Safeguards in Transition
CNTA Proceedings for 50th Anniversary - PDF format	Health	Safety Review of the Hanford Spent Nuclear Fuel Project During the Design and Construction Phase
Fifth Topical Meeting: Spent Nuclear Fuel and Fissile Materials Management	Health and Development	Safety Standards
Nuclear Science & Technology Infrastructure Road Map	Health Effects of Low-Level Radiation in Shipyard Workers, Final Report	Salt Processing Alternatives-Final Supplemental
Radiological Dispersion Device (RDD) Study, Various Articles	SRS High-Level Waste Tank Closure, Final Environmental Impact Statement	Savannah River Site Environmental Management Integrated Deactivation and Decommissioning Plan
Rocky Flats Historical Exposure Studies	SRS High-Level Waste Tank Closure, Final Environmental Impact Statement Summary	Savannah River Site High Level Waste System Plan: Converting Waste to Glass, An Integrated System at the Savannah River Site
SRS 50th Anniversary Photos	Information & Development	Seeds of Development
The Hanford Thyroid Disease Study Final Report	IPNS Progress Report - Volume I	Spent Fuel Treatment Demonstration Final Report
Transactions-2001 ANS Annual Meeting	Isotopes	Statistical Review of US Energy
<b><u>Publications &amp; Bulletins</u></b>	Kinetic Analysis and Modeling of Pyrochemical Uranium Oxide Reduction	Statistical Review of World Energy
21st Century Stewards for the Nation	Long Range Analysis of the Need for Cleanup and Closure of the Old SRS Radioactive Waste Burial Ground	Status of Ceramic Waste Form Degradation and Radionuclide Release Modeling
A Cold War Legacy	Nuclear Energy & Development	Study of Potential Sites for the Deployment of New Nuclear Plants in the United States
A Nuclear Age	Nuclear Fuel Cycles	Supplement: Key Dates & Historical Development
Atoms for Peace	Nuclear Medicine	Supplement: Then & Now
Beneficial Uses and Production of Isotopes	Nuclear Power & Electronics	Sustainable Energy Development
Changing Realities	Nuclear Power as an Alternative Energy Source	Technical Co-Operation
Chernobyl in Perspective	Nuclear Power Safety	Technology Transfer: Atoms for Peace
Community Guide on Environmental Health Research Methods	Nuclear Power: The New Generations	The Environment
Criticality Safety at DOE Defense Nuclear Facilities	Nuclear Waste	
Decontamination and Decommissioning Activity Photobriefing Book	Nuclear Waste Policy Act	
Economic Impact of the SRS on South	Nuclear Waste: Challenges to Achieving Potential Savings in DOE's High-Level Waste Cleanup Program	



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The Reduction of UCl<sub>3</sub>, PuCl<sub>3</sub>, and Select  
Rare Earth Chlorides in LiCl-KCl Electrolyte  
Using Li-Al Alloy

The Road Ahead

The Untold Story: The Economic Benefits of  
Nuclear Technologies

Tomorrow's Oceans

U.S. DOE Environment, Safety and Health  
2002 Annual Report

Waste Solutions

Yucca Mountain Preliminary Site Suitability  
Evaluation

#### Reference

A List of Internal Documented Letters and  
Reports

Atlas (Including Off-Site Locations and  
Building Index)

Congressional Yellow Book

Fundraising for Dummies

Grant Writing for Dummies

How to Produce Fabulous Fundraising Events

International Nuclear Fuel Cycle Fact Book

Purex Process Reference Literature

Radiochemistry (2 copies)

Savannah River Scientific and Technical  
Documents: A Bibliography

Savannah River Site Canyon Utilization

Site Master Thesaurus

South Carolina Legislative Manual

SRP Publications: 1972-1976

Surplus Plutonium Disposition Final  
Environmental Impact Statement - Summary

Surplus Plutonium Disposition Final  
Environmental Impact Statement - Volume I -  
Part A

Surplus Plutonium Disposition Final  
Environmental Impact Statement - Volume I -  
Part B

Surplus Plutonium Disposition Final  
Environmental Impact Statement - Volume III -  
Part A

Surplus Plutonium Disposition Final  
Environmental Impact Statement - Volume III -  
Part B

Surplus Plutonium Disposition Final  
Environmental Impact Statement- Volume II

#### Tapes (Audio)

Ellenton (5 copies)

#### Technical Letters & Reports

Proceedings of the SRS 50<sup>th</sup> Anniversary  
Technical Symposium

Radioiodine in the Savannah River Site  
Environment

SRS Technical Letters and Reports by Author

SRS Technical Letters and Reports by Author

SRS Technical Letters and Reports by Author

SRS Technical Letters and Reports by Author

SRS Technical Letters and Reports by Author

#### Videos

A Door Into the New World: Nuclear Energy  
and American Society

An Unending Drive for Excellence

Breakfast Rally

CNTA Up and Atom Featuring Bill Magwood

Dr. Andrew Kadak - The Politically Correct  
Reactor

Formula One Roundtable

Global '99 Plenary Session Speech

Greetings from Dr. Edward Teller (2 copies)

Introduction to Radiochemistry ( 8 session  
Course)

Jabberwock (3 copies)

Living With Risk II (SRS Cancer Study)

Patriots of the Atomic Age

Plutonium - Retrospective and Perspective

Presents: Dr. Harold Agnew (5 copies)

SRS 50<sup>th</sup> Anniversary Public Program on  
Riverwalk

Sen. Pete Domenici

The NewsHour With Jim Lehrer

The Safe Shipment of Used Nuclear Fuel