

Cold War Artifacts Historic Preservation Program Update

A Presentation to SRS Citizens Advisory Board Combined Committees Meeting



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EM Environmental Management
safety ♦ performance ♦ cleanup ♦ closure

Acronyms

| | |
|----------------|--|
| CRMP | Cultural Resources Management Plan |
| CWA | Cold War Artifact Program |
| D&D | Deactivation and Decommissioning |
| HAER | Historical American Engineering Record |
| LOE | Level of Effort |
| SHPO | South Carolina Historic Preservation Office |
| SRS | Savannah River Site |
| SRNS | Savannah River Nuclear Solutions, LLC |



Agenda

- **Historic Program Basics**
 - **National Historic Preservation Act**
 - **Cultural Resource Management Plan**
- **Accomplishments**
- **Support for the Heritage Foundation, Inc.**
- **Ongoing Activities**
- **Curatorial Activities**
- **Future Work**



The National Historic Preservation Act (NHPA) of 1966

- **This law requires that all Federal agencies consider the impacts to historic properties in all their undertakings (800.16(y)).**
- **Referred to as Section 106 of the National Historic Preservation Act.**
- **Specific regulations are contained in 36 CFR Part 800 and other regulations.**



U. S. Laws, Regulations, and Orders for the Protection of Cultural Resources

- **National Historic Preservation Act of 1966, as amended through 2000**
- **Federal Records Act of 1950 (Title 44, Chapter 31)**
- **National Register of Historic Places (36 CFR Part 60)**
- **Determination of Eligibility for Inclusion in the National Register of Historic Places (36 CFR Part 60)**
- **The Secretary of Interior's Standards for the Treatment of Historic Properties (36 CFR 68)**
- **National Historic Landmark Program (36 CFR Part 65)**
- **Curation of Federally-Owned and Administered Archeological Collections (36 CFR Part 79)**
- **Protection of Historic and Cultural Properties (36 CFR Part 800)**
- **Executive Order 11593: Protection and Enhancement of the Cultural Environment (1971)**
- **Executive Order 13287: Preserve America (2003)**



NHPA (Continued)

Compliance with NHPA is done in three steps:

- 1. Inventory resources – COMPLETE**
- 2. Evaluate for National Register eligibility – COMPLETE**
- 3. Avoid or mitigate effects to historic properties – Ongoing with SHPO and other Consulting Parties.**



STEP 1 - Inventory Resources

- **In November 2002, DOE-SR completed a Resource Study of SRS Cold War history and facilities.**
- **Inventoried 732 SRS facilities, all of which were constructed between 1950 and 1989.**
- **232 site facilities are historically eligible.**



Selection Criteria For Historical Eligibility

Facilities

- that are associated with events that have made a significant contribution to the broad patterns of our history; or
- that are associated with the lives of persons significant in our past; or
- that embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- have yielded, or may be likely to yield, information important in prehistory or history.



STEP 2 - Eligibility

SRS Cold War National Register district encompass the SRS's 310 square miles within Aiken, Barnwell, and Allendale counties, including:

- **The Site's Layout;**
- **Fuel and Target Fabrication; (M-Area)**
- **Heavy Water Production and Rework; (D-Area)**
- **Reactor Operations and reactor area support buildings; (R,P,L,K,C)**
- **Separations Processes and Early Waste Management; (T-Area, F/H Areas)**
- **Research and Development; (777-10A and SRNL)**
- **Facilities related to Safety and Security;**
- **Power Generation and Water Supply; and**
- **Facilities Related to Site Support. (A-Area)**



STEP 3 - Avoid or Mitigate Adverse Effects

- **Mitigating actions include, but are not limited to:**
 - **Photography – aerial, exterior, and interior;**
 - **Oral histories from employees & retirees;**
 - **Written documents describing the historical contribution and processes;**
 - **Preservation of artifacts;**
 - **Preservation of structures**
- **Program is conducted in accordance with Cultural Resources Management Plan (CRMP)**



Cultural Resources Management Plan, (CRMP)

- **Contains mitigation strategies that are appropriate to each historic property's level of significance and integrity;**
- **Describes the integral role of oral history to an understanding of SRS's past and the need to interview SRS retirees as a part of the preservation process;**
- **Describes how DOE will nominate eligible properties to the NRHP;**
- **Identifies key historical documents to be preserved that tell the story of the site layout, its construction and early operational history;**
- **Contains a process to determine how and where documentation will be archived;**
- **Contains a series of short term and long term goals for Historical Program Management.**



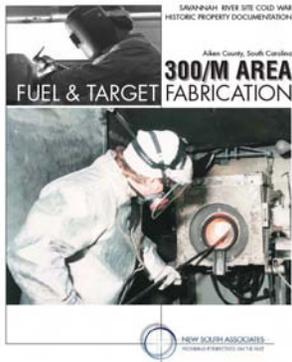
Funding

FY08 Funding - \$750,000.00

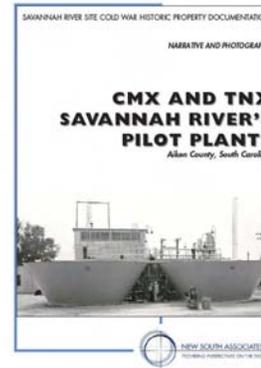
FY09 Projected Funding - \$950,000.00



Accomplishments



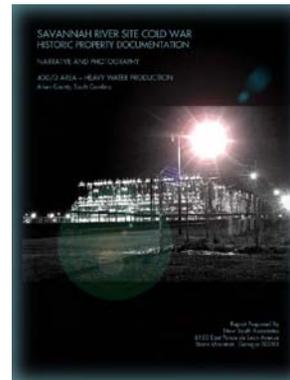
M-Area Thematic Study



T-Area Thematic Study



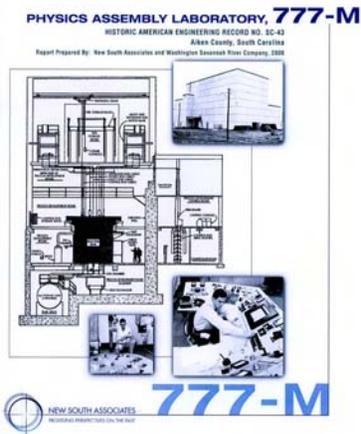
A-Area Thematic Study



D-Area Thematic Study



Accomplishments (cont.)



777-10A HAER Study (*accepted by the U. S. National Archives*)

**Not for Public
Dissemination**

Tritium Thematic Study



Implemented Re:Discovery artifact database



Support for the SRS Heritage Foundation, Inc.

(Independent non-profit organization)

- **DOE Permission granted to publish “SRS at 50”**
- **DOE Letter of Intent for Building 742-A**
- **DOE Letter of Intent for Ellenton Walking Trail**
- **DOE Letter of Intent for Barricade Adjacent to the Old City of Ellenton, SC**



Ongoing Activities

- **Organize Heritage Tourism Team Meetings (SHPO, SRS Heritage Foundation, DOE, SC Heritage Tourism Office, Various Museum Curator interfaces)**
- **Organize Historic Preservation Advisory Team Meeting**
- **Over 730 facilities have been walked down, 232 indentified as historical, which make up the SRS Historical District**
- **Approximately 100 Oral Histories have been completed to date**



Ongoing Activities (Cont.)

- **Continue to identify and relocate artifacts; photography and collect drawings**
- **Approve/Disapprove facility modification requests**
- **CWA Program included in SRS Tours Program, SRS overview, and Site News**
- **315-M Curation Facility awaiting design modifications**



Curatorial Activities

- **Catalog and protect existing artifacts**
 - 1100 records in database to-date
 - Records include artifacts, collections of related artifacts, and documentary collections
- **Digitize oral histories**
- **Consolidate historic photographic negatives**
- **Support to Education Outreach**
 - Work with Science & Technology Enrichment Program (STEP)
 - Participation in Project Learning Tree Teacher Workshop
- **Develop an artifact loan program for Aiken County Historical Museum**



Future Work

- **Reactor Thematic Study (complete in FY09)**
- **315-M modifications**
- **Infrastructure Thematic Study**
- **Separations Thematic Study**
- **R&D Thematic Study**



Excerpts from the SRS Oral History Program



**GENE CASEY,
INTERVIEWED 05/24/1999**



**BETTY GRIMSTEAD,
INTERVIEWED 06/02/1999**



Additional Information



315-M Curation Facility



Selected Artifacts from the SRS Cold War Artifacts Collection



UNITED WAY PIN



TNX JACKET
AND PATCH
DETAIL

SAFETY AWARD
BELT BUCKLE



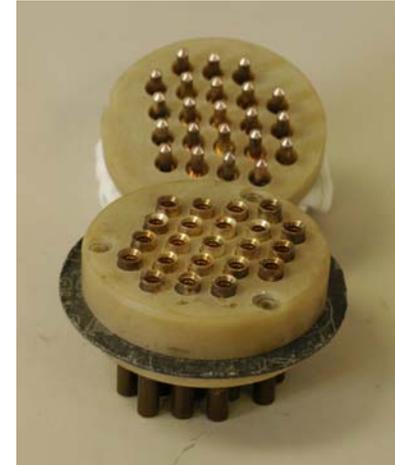
R REACTOR
25TH ANNIVERSARY
COIN



Selected Artifacts from the SRS Cold War Artifacts Collection



MODEL HANFORD CONNECTOR



MOCKUP DWPF CONNECTION



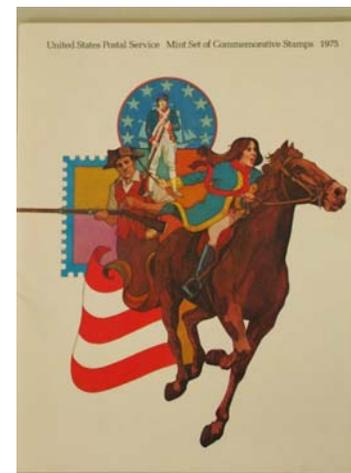
Selected Artifacts from the SRS Cold War Artifacts Collection



POSTAGE STAMP SET



PIONEER JUPITER AND MARINER 10 STAMPS



1975 YEAR COMMEMORATIVE STAMP SET

