

**savannah river site  
annual financial report fiscal year 2000**



21st century stewards for the nation



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## A Message from the Chief Financial Officer

I am pleased to submit to you the Annual Financial Report for the Savannah River Site for the fiscal year that ended September 30, 2000. This is the first such report of its nature, and it could not come at a more appropriate time - the 50th anniversary of the Savannah River Site.

Throughout its first 50 years, work performed at SRS has influenced many landmark events that have shaped the course of history. Current plans call for SRS to play a major future role in continuing to assure the nation's security through its stewardship responsibilities in the areas of nuclear materials management and support of the nation's nuclear weapons stockpile, while continuing to clean-up and restore the environment from the production activities of the past. This future role will require significant investment in the site in the years ahead. This brings with it a corresponding need for the highest caliber of financial management to maintain financial integrity and honor the public trust through cost effective management of the considerable resources invested in our work.

This report integrates information on our operational activities and financial performance in a manner I believe you will find both informative and interesting. It presents the financial status of the site from several different perspectives that I hope will enlighten you as you read through the report.

As you will see, we have had a very successful FY2000 and we are confident that our programmatic accomplishments and strong financial management will continue to excel as we move forward into the future.

### **Mission**

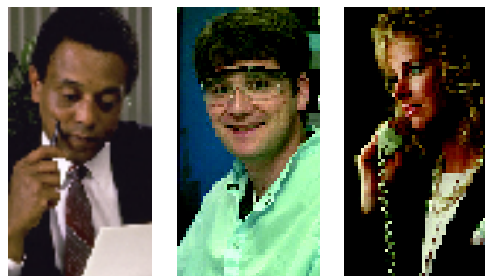
*SRS serves the nation through safe, secure cost-effective management of our nuclear weapons stockpile, nuclear materials, and the environment.*

### **Vision**

*SRS will be a modernized DOE site, recognized for performance and excellence in support of our national security and as a responsible steward of the environment.*



**John R. Pescosolido**  
Chief Financial Officer  
December 2000



Consistent with our mission and vision, the Department of Energy is committed to cost-effective stewardship of the resources entrusted to it. The following summarizes the sources and uses of our funds, and highlights our accomplishments for FY2000.

### Sources of Funds (dollars in thousands)

Congressional appropriations	\$1,479,200
Work performed:	
For other federal agencies	10,200
For industry and the public	14,000
Other	9,201
<b>Total sources</b>	<b>\$1,512,601</b>

### Uses of Funds (dollars in thousands)

Weapons (tritium) production	\$174,600
Environmental clean-up	865,200
Nuclear materials stabilization	393,300
Fissile material disposition	15,100
Technology and development	16,800
Other	47,601
<b>Total uses</b>	<b>\$1,512,601</b>

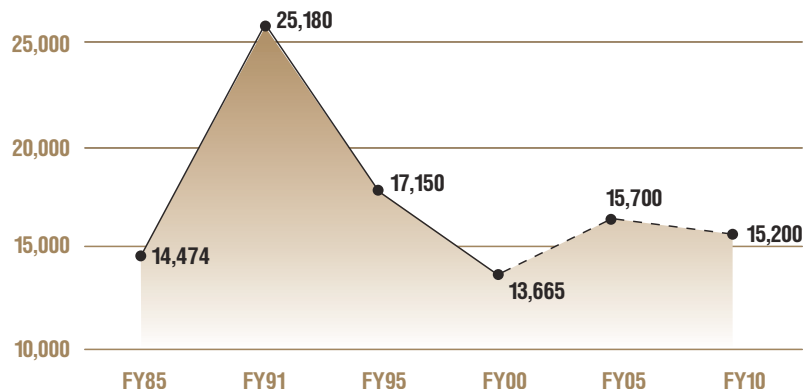
### Key Accomplishments

- Produced 950th canister of vitrified radioactive liquid waste
- Met 100 percent of scheduled tritium shipments to Department of Defense
- Achieved numerous environmental milestones, nuclear material stabilization objectives, and waste unit closures in a continuing effort to restore SRS to a pre-Cold War state
- Began construction of nation's only Tritium Extraction Facility
- Initiated preparation for major new missions related to surplus plutonium disposition

## Understanding the economic impact of the Savannah River Site on our community

### People

During FY2000, SRS employed an average of 13,800 dedicated, highly-skilled operators, scientists, accountants, engineers, support personnel and others in the accomplishment of its missions. Our workforce lives in 21 counties in South Carolina and Georgia. Total payroll for FY2000 exceeded \$1 billion. At the end of the Cold War, SRS employed more than 25,000 people. As missions evolved from primarily nuclear weapons production to nuclear materials stabilization and environmental management, SRS has experienced a decade of resizing its workforce in the 1990s. Current projections show that SRS employment should stabilize and even grow moderately over the next 10 years.



**SRS Workforce Profile:** During construction of the site in the 1950s, the construction workforce numbered 38,000.

### Purchases

During FY2000, SRS purchased goods and services in excess of \$193 million in South Carolina and Georgia. Approximately \$124 million was spent in local communities. SRS procures a wide array of items and services ranging from earth-moving equipment to custodial services to scientific instruments to utilities and more.

SRS is 310 square miles or 198,334 acres. It's one percent of the state of South Carolina, and could fit inside the Washington, D.C., beltway. This is still not the largest weapons site in the DOE Complex. The Nevada Test Site, Idaho and Hanford sites are larger.



## Construction

In FY2000, SRS was busy building and/or upgrading several major facilities. Key facilities under construction are identified below.

SRS anticipates significant new construction during the next decade. The site has been selected for the location of three new plutonium disposition facilities expected to be constructed through 2008 at a total project cost of approximately \$2 billion dollars. These projects are expected to employ 1,600 skilled craftsmen during the construction phases. Once complete, these facilities will employ about 900 operators, engineers and support personnel.

## Key Construction Projects in Progress in FY2000

(dollars in thousands)

Current Projects	Total Estimated Cost
Tritium Extraction Facility	\$323,000
Waste Removal Facility	967,200
Nuclear Material Packaging and Stabilization	251,700
Regulatory Monitoring and Bioassay Laboratory	123,400
Americium/Curium Vitrification	63,100
F&H Canyon Exhaust Upgrades	56,600
Accelerator Production of Tritium (SRS design only)	49,800
Tritium Facility Modernization and Consolidation	98,400
Sitewide Chiller Retrofits	45,000

## Future Construction Projects

(dollars in thousands)

Future Projects	Total Estimated Cost
Three Plutonium Disposition Facilities	\$2,000,000
Salt Disposition Facilities	782,000
Infrastructure Restoration	300,000
Spent Fuel Treatment and Storage Facility	154,000
Glass Waste Storage Capacity	100,000
Highly Enriched Uranium Blend-down - H Canyon Upgrade	75,000



*During the construction of SRS, we moved 39,150,000 cubic yards of earth – enough to build a 10-foot wall from Atlanta, Georgia, to Portland, Oregon. The 126,000 railroad carloads of other materials used equalled the length of a train from Atlanta to New York City. Over 1,453,000 cubic yards of concrete was used to construct five operating nuclear reactors.*

# ... STATEMENT OF ASSETS, LIABILITIES AND NET POSITION

	FY2000 <i>(9/30/00)</i>	FY1999 <i>(9/30/99)</i>
<b>Assets</b> <i>(dollars in thousands)</i>		
<b>Fund Balances with Treasury</b> Primarily appropriated funds to pay current liabilities and finance authorized purchase commitments	\$423,261	\$459,147
<b>Accounts Receivable</b> Funds due to SRS from government and private sources	8,291	3,763
<b>Investments</b> Funds investment with Connecticut General related to former pension plans	52,253	56,183
<b>Inventories</b> Includes nuclear materials, operating materials and supplies, essential materials, excess materials and precious metals	958,614	870,118
<b>General Property, Plant and Equipment, Net of Depreciation</b> Includes land, buildings and capital equipment	580,401	522,547
<b>Other Assets</b>	20	257
<b>Total Assets</b>	<b>\$2,022,840</b>	<b>\$1,912,015</b>

## Liabilities and Net Position

*(dollars in thousands)*

<b>Accounts payable</b> Intragovernmental: <i>Includes liability for the advance received from another DOE location to cover the cost of work to be performed</i> Governmental: <i>Includes contract holdbacks, accrued expenses and payments to vendors and other creditors</i>	\$177,245	\$154,306
<b>Environmental liabilities</b> Represents the estimated cost (in FY2000 dollars) to correct the environmental damage incurred while operating the site	30,402,498	32,627,142
<b>Pensions and other actuarial liabilities</b> Represents the obligation to pay specified benefits to contractor employees having approved defined benefit pension plans and post-retirement benefits other than pensions	1,088,923	946,118
<b>Other liabilities, including deferred revenues</b> Other liabilities: <i>Represents accrued payroll, benefits, annual and compensatory leave and other miscellaneous liabilities</i> Deferred revenues: <i>Represents advance payments for materials or services to be furnished in the future</i>	68,510	77,627
<b>Total Liabilities</b>	<b>\$31,737,176</b>	<b>\$33,805,193</b>

## Net Position

<b>Unexpended appropriations</b> Amounts appropriated by Congress which have not been expended	188,086	234,263
<b>Cumulative results of operations</b> The net difference since inception of the activity between (1) expenses and losses and (2) financing sources including appropriations, revenues and gains.	(29,902,422)	(32,127,441)
<b>Total Net Position</b>	<b>(\$29,714,336)</b>	<b>(\$31,893,178)</b>
<b>Total Liabilities and Net Position</b>	<b>\$2,022,840</b>	<b>\$1,912,015</b>

*Note: Statement unaudited*

## Understanding our history and our challenges

### The first 50 years

The Savannah River Site was constructed in the early 1950s and began production of materials used in nuclear weapons, mainly tritium and plutonium-239. The site was part of the Atomic Energy Commission (AEC) weapons complex. The AEC was responsible for the research, design, development and production of nuclear weapons and maintenance of the nation's nuclear weapons stockpile. In 1975, the Energy Research and Development Administration succeeded the AEC, which in turn was replaced by the U.S. Department of Energy in 1977.

The Savannah River Operations Office was one of the eight original operations offices. Five reactors were built at the site for production of nuclear materials, along with two chemical separations plants (canyons), a heavy water extraction plant, a nuclear fuel and target fabrication facility, a tritium extraction and loading facility and waste management facilities. SRS produced 36 metric tons of plutonium from 1953 to 1988.

As a result of the end of the Cold War in the early 1990s, the site's mission has changed to environmental clean-up; maintaining the nuclear weapons stockpile; and managing excess nuclear materials. SRS is the nation's only facility for recycling and reloading tritium, and is one of the primary DOE sites with missions which address concerns of national security and non-proliferation.

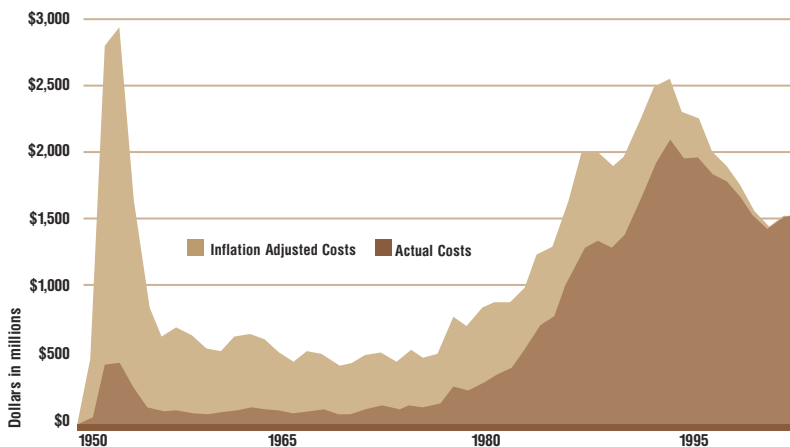


### A forward look

A key problem facing the nation and the world is the management of surplus plutonium and highly enriched uranium, which pose a threat to worldwide security. SRS plays an important role in the transportation, stabilization, storage and disposition of these materials, consistent with the site's capabilities and long-standing involvement in working safely with these materials. SRS has been designated to continue as DOE's center for the supply of tritium for the nuclear weapons stockpile. The site has recently initiated the construction of a new facility to extract tritium. Tritium extraction from targets and loading into containers for shipment to the Defense Department will continue to be a major mission at the site for decades.

SRS has been selected to "blend down" highly enriched uranium from retired weapons components and reactor fuel to low-enriched uranium. It would then be converted to commercial reactor fuel in a privatized venture with the Tennessee Valley Authority.

Plutonium stabilization now being conducted at SRS will be expanded to include materials from dismantled weapons and surpluses from other DOE sites. In January 2000, the Secretary of Energy announced that SRS was to be the location for the Department's plutonium pit disassembly and conversion, mixed oxide fuel fabrication and plutonium immobilization facilities.



**SRS Historical Costs:** When factoring in inflation, the 1953 actual costs of \$472 million is equivalent in inflation adjusted costs to \$2.9 billion in 1999.

*The site began November 28, 1950, when President Truman asked E.I. du Pont de Nemours to build a facility to produce materials – mainly tritium and plutonium-239 – for nuclear weapons. Since then, SRS has achieved a 100 percent on-time delivery schedule for supplying tritium for the nation's nuclear weapons stockpile.*

## Noteworthy FY2000 Achievements

Fiscal year 2000 brought with it many important mission accomplishments with national and international significance.

- Produced 950th canister of vitrified highly radioactive liquid waste left over from Cold War weapons activities
- Selected by the Secretary of Energy as the site for disposition of surplus plutonium materials in support of the nation's nuclear nonproliferation effort
- Began construction of the Tritium Extraction Facility which, when completed, will be the nation's only tritium processing plant
- Safely operated F and H Canyons and related facilities, meeting numerous nuclear materials stabilization commitments to the Defense Nuclear Facilities Safety Board
- Completed the K-Area Materials Storage construction project, which set the stage for receiving plutonium from the Rocky Flats site. This supports acceleration of Rocky Flats closure.
- Received and stored the 15th cask of foreign research reactor spent nuclear fuel in support of critical international nuclear nonproliferation agreements
- Achieved numerous environmental restoration milestones and waste unit closures in a relentless pursuit of cleaning up the Cold War legacy
- Published the first-ever public discussion draft of the SRS Comprehensive Plan, which articulates a challenging, holistic vision for the site for the next 50 years
- Established a partnership with South Carolina and implemented a framework for the Statement of Principles jointly established by the Secretary of Energy and the governor of South Carolina



## Challenges

SRS has met the challenges of the last 50 years and is committed to addressing and meeting the challenges of the 21st century. We will do this by ensuring a strong and continued focus on safety and security; finding solutions to technical issues; exhibiting continued improvement in project management (striving for best-in-class); maintaining site infrastructure, retaining, recruiting and training a highly-skilled, motivated workforce; excelling in cost effectiveness; and maintaining the highest standards of financial integrity. SRS will continue to partner with the Department of Energy Headquarters (HQ) through the budget process to request sufficient funding to meet all the planned tasks, seek efficiencies in operations and pursue improved alternatives to accomplish the mission within available funding.

SRS will pursue scientific research, development and deployment of new technologies to achieve our mission. We continue to search for alternate technologies for site clean-up, storage of spent nuclear fuel, processing high-level waste salt solutions and stabilization of nuclear materials.

SRS has made commitments aligned with clean-up and nuclear material stabilization objectives to its regulatory organizations, to South Carolina and Georgia, and to the Central Savannah River Area community. Recognizing the importance of open communication and trust, SRS will strive to accomplish regulatory milestones and community-driven obligations in partnership with the site's various neighbors and stakeholders. We will also work with HQ and the state of South Carolina to ensure an off site disposition path for high-level waste and nuclear materials and to find mutually acceptable solutions for disposition of low-level and mixed wastes.

As we enter the new century, SRS will be working toward a reconfiguration and modernization of the site that will enable us to fulfill our stewardship responsibilities in the areas of national security, environmental clean-up and nuclear material stabilization in a cost effective and efficient manner.

**Of Savannah River Site's 198,334 acres, 162,000 are regulated forestland managed by the U.S. Forest Service. The approximate value of standing timber is \$520 million. In 1999, 2.7 million cubic feet of timber, with a value of \$3.2 million, was harvested.**



## **FINANCIAL STATEMENTS**

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The following unaudited financial statements have been prepared in accordance with the standards developed by the Federal Accounting Standards Advisory Board, the requirements of the Office of Management and Budget, the Chief Financial Officers Act of 1990, and the Government Management Reform Act of 1994. The Savannah River Operations Office maintains a system of management, accounting and other controls, including internal audit, to provide a reasonable assurance that program and administrative functions were performed in an economical and efficient manner consistent with applicable laws and that assets were safeguarded against the potential for waste, fraud, abuse or mismanagement.

## Consolidated Statement of Net Cost

(dollars in thousands)

	FY2000 (9/30/00)	FY1999 (9/30/99)
<b>Energy Resources</b>		
ER Program Costs	\$245	(\$351)
<b>National Security</b>		
NS Program Costs	\$182,305	\$215,251
<b>Environmental Quality</b>		
Site Project Completion		
Defense Facilities Closure Project		
Post 2006 Completion		
Technology Development		
Legacy Waste Cleanup Adjustment		
EQ Program Costs Total	\$57,504	\$72,254
<b>Science &amp; Technology</b>		
ST Program Costs	\$854	\$1,656
<b>Other Programs</b>		
Other Program Costs	\$37,120	\$36,721
Less: Other Earned Revenues	(40,513)	(36,925)
<i>Net Cost of Other Programs</i>	(\$3,393)	(\$204)
<b>Total Program Costs</b>	<b>\$237,515</b>	<b>\$288,606</b>
Costs Not Assigned to Programs (Legacy waste - inflation adjustment and change in Life Cycle Cost Estimate)	(\$1,014,347)	\$2,739,289
Less Earned Revenues Not Attributable to Programs	\$0	\$0
Deferred Maintenance	\$0	\$0
<b>Net Cost of Operations</b>	<b>(\$776,832)</b>	<b>\$3,027,895</b>

Note: Statement unaudited

## Consolidated Statement of Changes in Net Position

(dollars in thousands)

	FY2000 (9/30/00)	FY1999 (9/30/99)
Net Cost of Operations	\$776,832	(\$3,027,895)
Financing Sources (other than exchange revenues)		
Appropriations Used	1,396,115	1,462,342
Imputed Financing	2,603	2,551
Transfers	52,479	25,053
Other Financing Sources	(5)	275
Net Results of Operations	\$2,228,024	(\$1,537,674)
Prior Period Adjustments	0	(3,541,818)
Net Change in Cumulative Results of Operations	\$2,228,024	(\$5,079,492)
Increase (Decrease) in Unexpended Appropriations	(49,182)	2,183
Change in Net Position	\$2,178,842	(\$5,057,679)
<b>Net Position - Beginning of Period</b>	<b>(31,893,178)</b>	<b>(26,835,499)</b>
<b>Net Position - End of Period</b>	<b>(\$29,714,336)</b>	<b>(\$31,893,178)</b>

Note: Statement unaudited

**Completed Plant and Capital Equipment by Facility** (for year ended 9/30/00)  
(dollars in thousands)

<b>Facility *</b>	<b>Capital Value **</b>	<b>Accumulated Depreciation</b>	<b>Replacement Value ***</b>
Administrative & Infrastructure	\$960,165	\$921,564	\$1,819,984
Consolidated Incinerator Facility	98,725	98,270	103,898
Central Lab	77,859	77,823	230,805
Training Center	19,162	19,162	21,566
Construction Administrative Facilities	18,716	18,554	23,792
Transportation Facilities	1,793	1,787	9,314
Defense Waste Processing Facility	1,216,054	1,214,435	1,376,893
Surplus Facilities	776,435	775,912	2,956,094
Effluent Treatment Facility	45,371	45,371	58,977
Environmental Remediation Facility	34,587	34,587	35,500
High Level Waste Ancillary Facilities	471,333	467,636	751,406
F-Canyon	461,391	461,061	1,518,611
H-Canyon	276,122	275,908	868,918
F-Tank Farm	47,408	47,408	104,832
Heavy Water	2,515	2,515	9,958
L-Area Facilities	367,458	366,957	900,846
K-Area Facilities	361,078	360,180	1,176,949
H-Tank Farm	172,951	172,754	255,422
Saltstone	58,123	58,112	70,856
P,C,R Area Support Facilities	11,714	11,714	65,403
Retention Basin for Offsite Fuel	11,002	10,981	39,260
Tritium Facilities	451,527	159,203	699,312
Site Utility Facilities	180,654	180,480	413,431
Savannah River Technical Center	120,950	120,855	381,560
Power Privatization Facilities	107,999	107,523	363,097
Solid Waste Facilities	99,422	96,379	120,587
TNX	17,735	17,689	38,016
Timber Resources	50,517	8,189	519,469
UGA Savannah River Ecology Lab	14,361	14,240	21,176
Wackenhut	4,808	4,808	6,455
SR Natural Resource Management and Research Institute	2,854	2,854	7,516
<b>Grand Total</b>	<b>\$6,540,789</b>	<b>\$6,154,911</b>	<b>\$14,969,903</b>

Note: Statement unaudited

\* This table represents a rollup of more than 3,000 discrete facilities into logical facility groupings

\*\* Table excludes property and value of land of approximately \$195,000,000.

\*\*\* Replacement Value was calculated using a standard formula escalating the capital value of the facilities from their in-service date of record through 9/30/00. This approach may well understate the replacement value of certain facilities or facility groups.

## Construction Work in Progress

(dollars in thousands)

	<b>Balance*</b> (9/30/00)
<b>Major Projects</b>	
Waste Removal Facility	\$71,161
Tritium Facility Modernization & Consolidation	48,865
Nuclear Material, Packaging and Storage	47,077
F & H Canyon Exhaust Upgrades	46,395
Tritium Extraction Facility	44,804
Plantwide Fire Protection	24,121
Regulatory Monitoring & Bioassay Lab	13,513
Chiller Retrofits	10,999
Fissile Materials Disposition	7,500
Accelerator Production of Tritium (design)	7,137
H Tank Farm Storm Water System Upgrade	5,569
Nonnuclear Consolidation	3,227
Tank Farm Support Services-F Area	2,048
<b>Total Major Projects</b>	<b>\$332,416</b>
General Plant Projects	\$36,391
Capital Equipment	\$35,360
<b>Total Construction Work in Progress Balance</b>	<b>\$404,167</b>

Note: Statement unaudited

\*Represents amount not yet capitalized but expended through 9/30/00. Only represents a portion of the total estimated cost reported on page 3.

## Inventory

(dollars in thousands)

<b>Facility</b>	<b>FY2000</b> (9/30/00)	<b>FY1999</b> (9/30/99)	<b>Change</b>
Nuclear Materials	\$888,002	\$791,729	\$96,273
Operating Materials & Supplies	62,316	66,641	(4,325)
Essential Materials	5,427	9,241	(3,814)
Excess Material	331	527	(196)
Precious Metals	2,538	1,980	558
<b>Total Program Costs</b>	<b>\$958,614</b>	<b>\$870,118</b>	<b>\$88,496</b>

Note: Statement unaudited

## Categories of Excess Disposition

(dollars in thousands)

	<b>Balance</b> (9/30/00)
<b>Transfers to Other Agencies</b>	<b>\$8,627</b>
Department of Energy Sites	1,674
Federal Agencies	1,340
Energy Related Laboratory Equipment	931
State Governments	2,986
Gift Program	1,696
<b>Sales of Excess Property*</b>	<b>\$87,100</b>
Sales	21,113
Scrap	61,282
Economic Development	4,705
<b>Chemical Excess Property Dispositions</b>	<b>469</b>
<b>Asset for Services</b>	<b>9,147</b>
<b>Total Dispositions</b>	<b>\$105,343</b>

Note: Statement unaudited

\*Represents book value of items sold. Revenue from sales was \$406,000.

## Uncosted Balances by Program

(dollars in thousands)

<b>Program</b>	<b>Fund Category</b>	<b>FY2000 Uncosted Funds</b>	<b>FY1999 Uncosted Funds</b>
Environmental Restoration & Waste Management	Operating	\$75,662	\$67,101
	Capital	37,810	66,942
	<i>Sub-Total</i>	<u>113,472</u>	<u>134,043</u>
Defense Programs	Operating	17,616	11,353
	Capital	14,466	20,976
	<i>Sub-Total</i>	<u>32,082</u>	<u>32,329</u>
Fissile Materials Disposition	Operating	6,622	2,716
Worker and Community Transition	Operating	4,061	6,391
Arms Control & Nonproliferation	Operating	4,041	3,220
Non-Proliferation & Verification R&D Activity	Operating	448	333
Cost of Work for Others	Operating	7,827	6,711
Nuclear Safeguards & Security	Operating	954	548
Reimbursable Work For Other Federal Agencies	Operating	3,810	8,133
Reimbursable Work For Non-Federal Entities	Operating	2,636	2,717
Other Programs	Operating	3,418	2,359
<b>Total SRS Uncosted Balances</b>	<b>Operating</b>	<b>127,095</b>	<b>111,582</b>
	<b>Capital</b>	<b>52,276</b>	<b>87,918</b>
	<b>Total</b>	<b>\$179,371</b>	<b>\$199,500</b>

Note: Statement unaudited

Uncosted balances represent funding to cover open orders with third party vendors and funding required to complete authorized, on-going major capital construction activities.

All uncosted balances are within departmental guidelines established to determine the reasonableness of such balances.

## Cost by Element of Expense

(dollars in thousands)

Element of Expense	FY2000 (9/30/00)	FY1999 (9/30/99)
Salaries and Benefits		
Exempt	\$667,050	\$646,271
Non-Exempt	337,537	326,482
Total	\$1,004,587	\$972,753
Materials, Equipment and Supplies	126,044	112,939
Subcontracts	301,415	320,526
Travel	8,827	10,990
Management Fee	66,674	70,619
Other*	5,054	5,758
<b>Total Site Costs</b>	<b>\$1,512,601</b>	<b>\$1,493,585</b>

Note: Statement unaudited

\*Includes off-site training and conferences, subscriptions, tuition reimbursement, relocation and other miscellaneous costs.

## Cost by Major Contractor

(dollars in thousands)

Contractor	FY2000 (9/30/00)	FY1999 (9/30/99)
Westinghouse Savannah River Co., LLC	\$1,344,095	\$1,318,612
Wackenhut Services, Inc.	65,805	58,350
UGA Savannah River Ecology Laboratory	9,766	10,385
Savannah River Natural Resource Management and Research Institute	11,193	12,327
<b>Total SRS Contractor Cost</b>	<b>\$1,430,859</b>	<b>\$1,399,674</b>
<b>All Other Direct DOE Costs</b>	<b>81,742</b>	<b>93,911</b>
<b>Total Site Costs</b>	<b>\$1,512,601</b>	<b>\$1,493,585</b>

Note: Statement unaudited

## Cost by Project/Program Breakdown Structure

(dollars in thousands)

Project Number	Project Title	FY2000 (9/30/00)	FY1999 (9/30/99)
<b>Environmental Management</b>			
<b>DOE Savannah River Operations</b>			
HQNP-SI01	Security Investigations	\$2,445	\$1,954
SR-DO02	Wackenhut Guard Services	60,365	53,514
SR-DO03	Savannah River Natural Resource Management & Research Institute	6,301	6,779
SR-DO04	Ecology Lab Project	8,230	8,436
SR-DO05	DOE External Program Support	5,035	4,972
SR-DO07	DOE Program Support	8,023	7,826
<b>Sub-Total: DOE Savannah River Operations</b>		<b>\$90,399</b>	<b>\$83,481</b>
<b>Environmental Restoration</b>			
SR-ER01	Flood Plain Swamp Project	\$5,336	\$9,370
SR-ER02	Four Mile Branch Project	36,501	35,153
SR-ER03	Lower Three Runs & Operations Project	28,160	20,074
SR-ER04	Pen Branch Project	9,042	5,786
SR-ER05	Steel Creek Project	4,993	4,767
SR-ER06	Upper Three Runs Project	21,438	17,827
SR-ER07	Program Management	9,382	9,292
<b>Sub-Total: Environmental Restoration</b>		<b>\$114,852</b>	<b>\$102,269</b>
<b>Facilities Deactivation and Monitoring</b>			
SR-ER09	HWCTR Projects	\$109	\$395
SR-FA02	F Canyon Deactivation Project	92	68
SR-FA16	F-Area Monitoring	102	283
SR-FA17	H-Area Monitoring and Minor Facility Monitoring	-	1,708
SR-FA18	M-Area Monitoring Project	9,412	11,766
SR-FA19	D-Area Monitoring Project	704	-
SR-FA20	Reactors Monitoring Project	11,878	10,793
SR-FA23	Landlord Facilities Disposition	2,785	-
<b>Sub-Total: Facilities Deactivation and Monitoring</b>		<b>\$25,082</b>	<b>\$25,013</b>
<b>High Level Waste</b>			
SR-HL01	H-Tank Farm	\$93,767	\$98,386
SR-HL02	F-Tank Farm	61,194	58,928
SR-HL03	Waste Removal Operations and Tank Closure	4,366	1,504
SR-HL04	In-Tank/Extended Sludge Processing/Liquid Waste Operations	55,267	53,328
SR-HL05	Vitirification	116,544	127,626
SR-HL06	Glass Waste Storage	605	436
SR-HL09	Tank Farm Services Upgrade	-	1,631
SR-HL10	H-Tank Farm Storm Water System Upgrades	3,535	2,508
SR-HL11	Tank Farm Support Services F Area	2,143	838
SR-HL12	High Level Waste Removal	22,478	24,751
SR-HL13	Salt Disposition	13,163	15,921
<b>Sub-Total: High Level Waste</b>		<b>\$373,062</b>	<b>\$385,857</b>

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**Cost by Project/Program Breakdown Structure** (continued)  
(dollars in thousands)

<b>Project Number</b>	<b>Project Title</b>	<b>FY2000 (9/30/00)</b>	<b>FY1999 (9/30/99)</b>
<b>Infrastructure</b>			
SR-IN01	Plantwide Fire Protection Line Item	\$5,394	\$10,414
SR-IN03	Plant Maintenance Line Item	-	84
SR-IN04	Domestic Water Line Item	-	33
SR-IN05	Site-wide Chiller Retrofit Line Item	3,635	8,973
SR-IN06	Radio Trunking System Line Item	-	59
SR-IN07	Site Road Infrastructure Line Item	8	2,459
SR-IN10	Environmental Monitoring Lab Line Item	9,826	1,744
SR-IN11	Infrastructure Line Item	896	1,419
SR-IN12	Operating Projects	18,846	21,047
SR-IN13	Decontamination of Lab Fac., 772-F & 773-A	2,946	1,106
<b>Sub-Total: Infrastructure</b>		<b>\$41,551</b>	<b>\$47,338</b>
<b>Nuclear Materials Stabilization</b>			
SR-NM01	F-Area Stabilization Project	\$203,771	\$187,594
SR-NM02	H-Area Stabilization Project	153,134	136,963
SR-NM03	Nuclear Material Storage Line Item	12,973	29,850
SR-NM04	Canyon Exhaust Line Item	23,435	17,196
<b>Sub-Total: Nuclear Materials Stabilization</b>		<b>\$393,313</b>	<b>\$371,603</b>
<b>Spent Nuclear Fuel</b>			
SR-SF01	K-Area Spent Nuclear Fuel Project	\$33,832	\$29,273
SR-SF02	L-Reactor Spent Nuclear Fuel Project	33,352	30,823
SR-SF03	Receiving Basin For Offsite Fuel Spent Nuclear Fuel Project	14,598	16,272
SR-SF04	Heavy Water - D Area	68	8,775
SR-SF06	Alternate Technology Project	5,149	5,549
SR-SF07	Disassembly Basin Upgrade Line Item	-	433
SR-SF09	Spent Nuclear Fuel Treatment and Storage	(5)	1,397
<b>Sub-Total: Spent Nuclear Fuel</b>		<b>\$86,994</b>	<b>\$92,522</b>
<b>Solid Waste</b>			
SR-HL07	Effluent Treatment Facility	\$15,099	\$16,510
SR-HL08	Saltstone	858	1,594
SR-SW01	Consolidated Incinerator Facility	21,176	23,745
SR-SW02	Transuranic Waste Project	13,639	11,788
SR-SW03	Mixed Low Level Waste Project	3,658	4,173
SR-SW04	Low Level Waste Project	14,909	14,303
SR-SW05	Hazardous Waste Project	5,354	5,069
SR-SW06	Sanitary Waste Project	1,082	2,304
SR-SW07	Pollution Prevention	1,310	1,439
<b>Sub-Total: Solid Waste</b>		<b>\$77,085</b>	<b>\$80,925</b>

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**Cost by Project/Program Breakdown Structure** (continued)  
(dollars in thousands)

<b>Project Number</b>	<b>Project Title</b>	<b>FY2000 (9/30/00)</b>	<b>FY1999 (9/30/99)</b>
<b>Other Environmental Management</b>			
	Program Direction	\$52,364	\$49,392
	Technology Development	16,190	15,705
	Science Program	644	463
	Other Program Costs	3,719	10,169
	<b>Sub-Total: Other Environmental Management</b>	<b>\$72,917</b>	<b>\$75,729</b>
<b>Total Environmental Management Costs</b>		<b>\$1,275,255</b>	<b>\$1,264,737</b>
<b>Defense Programs</b>			
	Research and Development	\$1,686	\$1,855
	Weapons Stockpile Management	169,536	153,185
	Weapons Program Development	3,090	3,613
	Emergency Response	316	-
<b>Total Defense Programs Costs</b>		<b>\$174,628</b>	<b>\$158,653</b>
<b>Other SRS Program Costs</b>			
	Reimbursable Work	\$10,058	\$4,574
	Work For Others	13,972	11,219
	Materials Disposition	15,136	11,050
	Other Program Costs	23,552	43,352
<b>Total Other SRS Program Costs</b>		<b>\$62,718</b>	<b>\$70,195</b>
<b>Grand Total: Savannah River Site Costs</b>		<b>\$1,512,601</b>	<b>\$1,493,585</b>

Note: Statement unaudited

## Supplementary Information (Footnotes to the Financial Statements)

### Note 1. Environmental Liabilities *(dollars in thousands)*

<b>FY2000</b>	<b>FY1999</b>	<b>Change</b>
\$30,402,498	\$32,627,142	(\$2,224,644)

The Environmental Liability Balances reflect the Department's best estimate of future life cycle cost at SR. It should be clearly understood that given the long-term nature of the cleanup program (life cycle greater than 70 years), significant uncertainty exists in estimating costs associated with such long-term activity.

### Note 2. Program Definitions

#### Energy Resources

Energy Resources activities include those that encourage energy efficiency, advance alternative and renewable energy technologies, increase energy choices for all consumers, assure adequate supplies of clean, conventional energy, and reduce vulnerability to external energy supply disruptions.

#### National Security

National Security activities include those that effectively support and maintain a safe and reliable enduring nuclear weapons stockpile without underground nuclear testing, safely dismantle and dispose of excess weapons, and provide technical leadership for national and global nonproliferation under the National Nuclear Security Administration.

#### Environmental Quality

Environmental Quality activities include waste disposition, pollution prevention, disposition of excess materials and facilities and restoring environmental quality.

#### Science & Technology

Science and Technology activities include those that provide science and tools needed to develop energy technology options; research the understanding of the health and environmental implications of energy activities; and research the understanding of the fundamental nature of energy and matter; provide large scale facilities required in natural sciences to ensure U.S. leadership in the search for knowledge; and apply research and development competencies to help ensure the availability of scientific talent.

#### Other Programs

Other Program activities include the Reimbursable Work Programs, and Technology Transfer Programs.

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