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The Secretary of Energy

Washington, DC 20585

July 7, 1994

The Honorable Al Gore, Jr.
President of the Senate
Washington, D.C. 20510

Dear Mr. President:

Enclosed is the eighth in a series of annual reports prepared for the Congress entitled "Summary of Expenditures of Rebates from the Low-Level Radioactive Waste Surcharge Escrow Account for Calendar Year 1993."

The Department of Energy submits this report in compliance with section 5(d)(2)(E) of the Low-Level Radioactive Waste Policy Act (the Act). Section 5(d)(2)(E) specifies how rebates from the surcharge escrow account may be used by States and compact regions in developing new low-level radioactive waste disposal capacity. Following these specifications, States and compact regions use the surcharge rebates to aid in funding some of their current and planned activities.

Approximately \$15 million has been disbursed under this program to the States and compact regions following the 1986, 1988, and 1990 milestones. About \$600,000 of these funds were expended by the States and compact regions during calendar year 1993 for work on low-level radioactive waste management activities.

The Act requires States and compacts who are recipients of the rebates to provide the Department of Energy with an expenditure report at the end of each calendar year in which any of the rebated funds are expended. The Department of Energy analyzes these reports in terms of the expenditure requirements that are defined in the Act. After reviewing the reported expenditures by the States and compact regions in 1993, the Department of Energy concluded that all reported expenditures comply with the spending limitations in the Act.

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The Department is committed to continuing its support of States and compact regions as they endeavor to develop new low-level radioactive waste disposal facilities.

If you would like further information on this matter, please contact me or have your staff contact Thomas P. Grumbly, Assistant Secretary for Environmental Management, at (202)586-7710.

Sincerely,

Hazel R. O'Leary

Enclosure

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U.S. House of Representatives
Washington, D.C. 20515

Report to Congress

**Summary of Expenditures of
Rebates from the Low-Level
Radioactive Waste Surcharge
Escrow Account for Calendar
Year 1993**

U.S. Department of Energy
Office of Environmental Management
Washington, D.C. 20585

June 1994

EXECUTIVE SUMMARY

This is the eighth report submitted to Congress in accordance with section 5(d)(2)(E)(ii)(II) of the Low-Level Radioactive Waste Policy Act (the Act). This section of the Act directs the Department of Energy (DOE) to summarize the annual expenditures of funds disbursed from the DOE surcharge escrow account and to assess compliance of these expenditures with the following limitations specified in the Act:

- Establish low-level radioactive waste disposal facilities;
- Mitigate the impact of low-level radioactive waste disposal facilities on the host State;
- Regulate low-level radioactive waste disposal facilities; or
- Ensure the decommissioning, closure, and care during the period of institutional control of low-level radioactive waste disposal facilities.

In addition to placing these limitations on the use of these funds, the Act also requires all nonsited compact regions and nonmember States to provide DOE with an itemized report of their expenditures on December 31 of each year in which funds are expended. Within six months after receiving the individual reports, the Act requires the Secretary of Energy to furnish Congress with a summary of the reported expenditures and an assessment of compliance with the specified usage limitations. This report fulfills that requirement.

DOE disbursed funds totaling \$15,037,819.91 to the States and compact regions following the July 1, 1986, January 1, 1988, and January 1, 1990, milestones specified in the Act. Of this amount, \$583,169.56 was expended during calendar year 1993 and \$10,820,308.94 was expended during the prior seven years. At the end of December 1993, \$3,634,341.41 was unexpended.

DOE has reviewed each of the reported expenditures and concluded that all reported expenditures comply with the spending limitations stated in section 5(d)(2)(E)(i) of the Act.

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SUMMARY OF EXPENDITURES OF REBATES FROM
THE LOW-LEVEL RADIOACTIVE WASTE SURCHARGE ESCROW ACCOUNT FOR
CALENDAR YEAR 1993

1. INTRODUCTION

This report is submitted in response to Title I of the Low-Level Radioactive Waste Policy Act (the Act). The report summarizes expenditures made by compacts and unaffiliated States during calendar year 1993 of surcharge rebates from the July 1, 1986, January 1, 1988, and January 1, 1990, milestones.

The Act requires the Department of Energy (DOE) to administer a surcharge escrow account. This account consists of a portion of the surcharge fees paid by generators of low-level radioactive waste in nonsited compact regions (compact regions currently without disposal sites) and nonmember States (States without disposal sites that are not members of compacts) to the three States with operating disposal facilities (Nevada, South Carolina, and Washington--sited States) for using their disposal facilities. The Nevada facility ceased operations at the end of 1992. In administering the surcharge escrow account, the Act requires DOE to:

- Invest the funds in interest-bearing United States Government securities with the highest available yield;
- Determine eligibility for rebates of the funds by evaluating compact region and State progress toward developing new disposal sites against the milestone requirements set forth in the Act;
- Disburse the collected rebates and accrued interest to eligible compact regions, States, or generators;
- Assess compliance of rebate expenditures with the limitations prescribed in the Act; and
- Submit a report annually to Congress summarizing rebate expenditures by State and compact region.

Section 5(d) of the Act authorized the three sited States to collect surcharges on waste received at their facilities that was generated in nonsited compact regions and nonmember States. Low-level radioactive waste generators in sited regions are exempt from these surcharges. Twenty-five percent of the surcharges collected by the sited States from waste generators in the nonsited compact regions and nonmember States is transferred monthly to the DOE surcharge escrow account.

Disbursement of funds from the surcharge escrow account is based on eligibility determinations made by DOE. Following each milestone, DOE assesses whether or not each nonsited compact region and nonmember State has met the milestone requirements of the Act. Based on these assessments, the funds for the 1986, 1988, and 1990 milestones are then disbursed to those

nonsited compact regions and nonmember States found to be eligible. For those found ineligible, the rebates are disbursed to the sited State(s) where they were collected. Following the 1993 deadline, however, the Act directs that funds from ineligible nonsited compact regions and nonmember States be returned to the generators that paid the surcharges, rather than the sited State(s) where they were collected.

Section 5(d)(2)(E)(i) of the Act specifies that any funds paid from the DOE surcharge escrow account may only be used to:

- (I) establish low-level radioactive waste disposal facilities;
- (II) mitigate the impact of low-level radioactive waste disposal facilities on the host State;
- (III) regulate low-level radioactive waste disposal facilities; or
- (IV) ensure the decommissioning, closure, and care during the period of institutional control of low-level radioactive waste disposal facilities.

Section 5(d)(2)(E)(ii)(I) states that nonsited compact regions and nonmember States receiving rebates:

. . . shall, on December 31 of each year in which any such funds are expended, submit a report to the Department of Energy itemizing any such expenditures.

Section 5(d)(2)(E)(ii)(II) further states that:

Not later than six months after receiving the reports [submitted by nonsited compact regions and nonmember States]...the Secretary shall submit to the Congress a summary of all such reports that shall include an assessment of the compliance of each such State or compact commission with the requirements of clause (i).

On June 24, 1986, DOE issued a Federal Register Notice entitled "Implementation of Procedures for DOE's Management of the Low-Level Radioactive Waste Surcharge Escrow Account." This notice described procedures for the following actions:

- Transfer of surcharge funds from the sited States to the DOE surcharge escrow account;
- Disbursement of rebates from the DOE surcharge escrow account to nonsited compact regions and nonmember States; and
- Submission of the rebate expenditure reports by the nonsited compact regions and nonmember States to DOE.

This report and all previous rebate expenditure reports are based on information provided to DOE by States and compact regions in response to the reporting procedures in the notice. The appendix provides a summary of this information from 1986 through 1993.

2. 1986, 1988, AND 1990 MILESTONE DISBURSEMENTS

2.1 Eligibility

The first milestone, section 5(e)(1)(A) of the Act, required that:

By July 1, 1986, each such non-member State shall ratify compact legislation or, by the enactment of legislation or the certification of the Governor, indicate its intent to develop a site for the location of a low-level radioactive waste disposal facility within such State.

Following the first milestone, DOE found 6 compact regions (22 member States) and 6 nonmember States eligible to receive surcharge rebates and 2 States ineligible. Three States were not evaluated by DOE because no funds attributed to their low-level radioactive waste generators had been deposited in the surcharge escrow account as shown in Table 1.

The second milestone, section 5(e)(1)(B) of the Act, required that by January 1, 1988, each nonmember State would develop a siting plan and delegate authority to implement the plan. In addition, "...each non-sited compact region shall identify the State in which its low-level radioactive waste disposal facility is to be located, or shall have selected the developer for such facility and the site to be developed...."

Following the second milestone, DOE found 6 compact regions (22 member States) and 7 nonmember States eligible to receive surcharge rebates and 3 States ineligible. One State was not evaluated by DOE because no funds attributed to its generators had been deposited in the surcharge escrow account as shown in Table 1.

The third milestone, section 5(e)(1)(C) of the Act, required each host State to submit by January 1, 1990, a complete disposal facility license application. As an alternative, the Act allowed the Governor of each State not in a sited compact region to provide a written certification to the Nuclear Regulatory Commission stating "that such State will be capable of providing for, and will provide for, the storage, disposal, or management of any low-level radioactive waste generated within such State and requiring disposal after December 31, 1993, and include a description of the actions that will be taken to ensure that such capacity exists."

Following the third milestone, DOE found 6 compact regions (24 member States) and 6 nonmember States eligible to receive surcharge rebates and 3 States not subject to evaluations by DOE because no funds attributed to their low-level radioactive waste generators had been deposited in the surcharge escrow account. No State was found ineligible to receive surcharge rebates following the third milestone. These determinations are shown in Table 1.

TABLE 1. DISBURSEMENT ELIGIBILITY DETERMINATIONS

<u>Nonsited Compact Regions and States</u>	<u>1986 Milestone</u>	<u>1988 Milestone</u>	<u>1990 Milestone</u>
Appalachian (DE, MD, PA, WV)	E	E	E
Central (AR, KS, LA, NE, OK)	E	E	E
Central Midwest (IL, KY)	E	E	E
Midwest (IN, IA, MI, ^a MN, MO, OH, WI)	E	E	E
Northeast (CT, NJ)	E	E	E
Western (AZ, SD)	E	E	b/
Southwestern (AZ, CA, ND, SD)	b/	b/	E
California	E	E	b/
District of Columbia	I	E	E
Maine	E	E	E
Massachusetts	E	E	E
New Hampshire	N	I	N
New York	E	E	E
North Dakota	N	I	b/
Puerto Rico	N	N	N
Rhode Island	I	E	E
Texas	E	E	E
Vermont	E	I	N

E = Eligible for milestone disbursement

I = Ineligible for milestone disbursement

N = Not Evaluated by DOE (no surcharge funds to rebate)

- a. On July 24, 1991, the Midwest Compact Commission voted to revoke Michigan's membership in the compact.
- b. The Western Compact was dissolved when Arizona and California formed the Southwestern Compact in July 1988. In February 1989, and July 1989, South Dakota and North Dakota, respectively, joined the Southwestern Compact.

The 1993 deadline, section 5(d)(2)(B)(iv) of the Act, required that each State or compact region be "...able to provide for the disposal of all low-level radioactive waste generated within such State or compact region." As an alternative, Section 5(d)(2)(C) provided that "...each State in which such waste is generated, upon the request of the generator or owner of the waste, shall take title to the waste, shall be obligated to take possession of the waste, and shall be liable for all damages directly or indirectly incurred...." If a State or compact region is unable to provide for disposal of its low-level radioactive waste and the State elects not to take title to, take possession of, and assume liability for such waste, then surcharges collected "...during the period beginning January 1, 1990 and ending December 31, 1992 shall be repaid, with interest, to each generator from whom such surcharge was collected."

On March 31, 1994, DOE issued a Federal Register Notice entitled "Surcharge Rebates: Notice of Response to Comments on Draft Policies and Procedures, and Final Policies and Procedures." Once eligibility determinations are made, DOE will disburse the rebates attributable to this deadline.

The 19 member States of the 3 sited compact regions (Northwest, Rocky Mountain, Southeast) are not subject to the milestone or deadline requirements.

2.2 Disbursements

A total of \$15,037,819.91 has been disbursed to the nonsited compact regions and nonmember States as shown on Table 2. Of this amount, \$912,043.78 was attributable to the July 1, 1986, milestone; \$4,423,204.77 was attributable to the January 1, 1988, milestone; and \$9,702,571.36 was attributable to the January 1, 1990, milestone. An additional \$70,080.88 was returned to the sited States either because the money was collected from sited compact region generators and deposited in the surcharge escrow account in error, or the State that originally paid the surcharge was determined to be ineligible to receive rebates.

Because the Appalachian Compact Commission had not yet convened at the time disbursements were made following each of the milestones, rebates were made to the individual member States having funds attributed to them except for the States of Delaware and West Virginia. These States requested that their funds be held in the DOE surcharge escrow account until the compact commission was established. After disbursement of the January 1, 1990, rebates, Maryland and Pennsylvania accrued additional funds that were deposited in the escrow account at the direction of the compact commission. In 1991, the compact commission requested that DOE disburse all funds to it that were being held at the request of its member States.

The Southwestern Compact Commission convened its first meeting in January 1991, after the January 1, 1990, milestone disbursements were made to the individual member States (Arizona, California, North Dakota, and South Dakota) having funds attributed to them except for the State of South Dakota. South Dakota requested that its funds be held in the DOE surcharge escrow account. In March 1993, DOE disbursed all funds to South Dakota that were in the State's escrow account.

TABLE 2. 1986, 1988, 1990 MILESTONE DISBURSEMENTS

<u>Compact Regions and States</u>	<u>1986 Milestone</u>	<u>1988 Milestone</u>	<u>1990 Milestone</u>	<u>Total Disbursements</u>
Appalachian	\$ 1,499.00 ^a	\$ 9,379.44 ^a	\$ 20,312.71 ^a	\$ 31,191.15
Delaware	0.00	0.00	0.00	0.00
Maryland	16,915.95	92,846.61	377,040.34	486,802.90
Pennsylvania	156,572.29	691,516.91	1,519,047.26	2,367,136.46
West Virginia	0.00	0.00	0.00	0.00
Central	77,839.70	574,143.49	848,365.95	1,500,349.14
Central Midwest	159,010.35	798,734.73	1,397,076.64	2,354,821.72
Midwest	106,952.25	547,873.41	1,356,453.07	2,011,278.73
Northeast	104,300.92	480,026.66	1,032,121.30	1,616,448.88
Northwest	0.00	5.00 ^b	0.00	0.00
Rocky Mountain	230.73 ^c	706.22 ^c	0.00	0.00
Southeast	9,115.49 ^c	10,875.16 ^d	0.00	0.00
Southwestern ^e				
Arizona	678.10	52,643.19	325,775.01	379,096.30
California	89,180.75	397,597.72	1,018,921.95	1,505,700.42
North Dakota	0.00	391.93 ^f	546.31	546.31
South Dakota	0.00	0.00	41.00 ^g	41.00
District of Columbia	256.37 ^h	1,910.47	9,850.45	11,760.92
Maine	6,312.29	25,899.14	109,478.97 ⁱ	141,690.40
Massachusetts	81,897.34	249,317.06	578,542.99	909,757.39
New Hampshire	0.00	6,993.58 ^j	142.76 ^k	0.00
New York	94,467.47	322,837.23	912,025.29	1,329,329.99
Puerto Rico	0.00	0.00	0.00	0.00
Rhode Island	677.49 ^h	5,711.39	13,654.56	19,365.95
Texas	245.98	172,767.32	183,317.56	356,330.86
Vermont	<u>16,171.39</u>	<u>26,681.09^j</u>	<u>7,975.82^m</u>	<u>16,171.39</u>
TOTAL	\$912,043.78 ⁿ	\$4,423,204.77 ⁿ	\$9,702,571.36 ⁿ	\$15,037,819.91 ⁿ

TABLE 2. (continued)

-
- a. At the request of the Appalachian Compact Commission, DOE disbursed surcharge funds in September 1991 to the compact commission totaling \$31,191.15. Of this amount, \$26,605.75 was attributable to Delaware, \$80.53 to Maryland, \$236.85 to Pennsylvania, and \$4,268.02 to West Virginia.
 - b. Refunded to the sited State of Nevada because surcharge funds were collected from generators in other sited compact regions.
 - c. Refunded to the sited State of Washington because surcharge funds were collected from generators in other sited compact regions.
 - d. Disbursed \$10,491.13 to the sited State of Washington and \$384.03 to the sited State of Nevada to refund surcharges collected from generators in other sited compact regions.
 - e. The Western Compact was dissolved when the States of California and Arizona formed the Southwestern Compact in July 1988. In February 1989 and July 1989, South Dakota and North Dakota, respectively, joined the Southwestern Compact. At the end of 1990, the Southwestern Compact Commission was not ready to receive rebate disbursements for its member States.
 - f. Disbursed \$384.37 to the sited State of Washington and \$7.56 to the sited State of South Carolina following the Department of Energy determination of ineligibility.
 - g. At the request of South Dakota, DOE disbursed funds totaling \$41.00 in March 1993 to the State.
 - h. Disbursed to sited State of Washington following the Department of Energy determination of ineligibility.
 - i. Refunded an additional \$6,029.24 to the sited State of South Carolina for surcharge funds collected during a period of noncompliance as determined by the sited States.
 - j. Disbursed \$6,847.38 to the sited State of Washington, \$6.71 to the sited State of Nevada, and \$139.49 to the sited State of South Carolina following the Department of Energy determination of ineligibility.
 - k. Refunded to sited State of Nevada because surcharge funds were collected during a period of noncompliance as determined by the sited States.
 - l. Disbursed \$1,213.21 to the sited State of Washington, \$231.72 to the sited State of Nevada, and \$25,236.16 to the sited State of South Carolina following the Department of Energy determination of ineligibility.
 - m. Refunded to the sited State of South Carolina because surcharge funds were collected during a period of noncompliance as determined by the sited States.
 - n. Does not include disbursements to the States of Washington, Nevada, or South Carolina because they are sited States.
-

3. 1993 EXPENDITURES

All nonsited compact regions and nonmember States with unexpended rebate funds at the end of 1992, submitted reports covering expenditures of those funds during calendar year 1993. Expenditures during 1993 were reported by the following States and compact regions:

Appalachian
Central
Central Midwest
Midwest
Northeast
Southwestern
District of Columbia
Maine
Massachusetts
Rhode Island
Texas

A total of \$583,169.56 was expended by the compact regions and States during 1993. Detailed information concerning expenditures made by each State and compact region during 1993 is presented in Table 3 and Sections 3.1 and 3.2.

3.1 1993 Expenditures By Nonsited Compact Regions

Appalachian

Compact Commission - No rebate funds were expended in 1993. The remaining funds are being invested by the Appalachian States Low-Level Radioactive Waste Commission.

Maryland - Maryland expended \$56,732.80 for activities that mitigate impacts on Pennsylvania, the host State in the Appalachian compact region. These activities include developing needed disposal facility planning information for Pennsylvania and waste reduction/minimization programs for generators in Maryland. The remaining funds are being held in a special account by the Maryland Department of Environment.

Pennsylvania - Pennsylvania expended all of its rebate funds during 1990.

Central

The Central Interstate Low-Level Radioactive Waste Compact Commission provides all funds to Nebraska, the host State, that are received from DOE.

During 1993, Nebraska expended a total of \$64,281.00 to establish a disposal facility. These funds were used to pay expenses related to the review of the facility license application that are not reimbursable under the State's fee system.

TABLE 3. 1993 EXPENDITURES BY EXPENSE CATEGORY

<u>Nonsited Compact Regions and States</u>	<u>Establish Disposal Facility</u>	<u>Mitigate Host State Impacts</u>	<u>Regulate Disposal Facility</u>	<u>Ensure D&D Closure and Care</u>	<u>Total 1993 Expenditures</u>
Appalachian	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Delaware	0.00	0.00	0.00	0.00	0.00
Maryland	0.00	56,732.80	0.00	0.00	56,732.80
Pennsylvania	0.00	0.00	0.00	0.00	0.00
West Virginia	0.00	0.00	0.00	0.00	0.00
Central	64,281.00	0.00	0.00	0.00	64,281.00
Central Midwest	101,478.61	21,352.92	0.00	0.00	122,831.53
Midwest	276,637.39	0.00	0.00	0.00	276,637.39
Northeast	19,950.85	0.00	0.00	0.00	19,950.85
Southwestern ^a					
Arizona	349.60	0.00	0.00	0.00	349.60
California	0.00	0.00	0.00	0.00	0.00
North Dakota	0.00	0.00	0.00	0.00	0.00
South Dakota	0.00	41.00	0.00	0.00	41.00
District of Columbia	6,958.46	0.00	0.00	0.00	6,958.46
Maine	9,844.00	0.00	0.00	0.00	9,844.00
Massachusetts	7,912.33	0.00	0.00	0.00	7,912.33
New York	0.00	0.00	0.00	0.00	0.00
Rhode Island	2,130.60	0.00	0.00	0.00	2,130.60
Texas	15,500.00	0.00	0.00	0.00	15,500.00
Vermont	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
TOTAL	\$ 505,042.84	\$ 78,126.72	\$ 0.00	\$ 0.00	\$ 583,169.56

a. The Western Compact was dissolved when the States of California and Arizona formed the Southwestern Compact in July 1988. In February 1989 and July 1989, South Dakota and North Dakota, respectively, joined the Southwestern Compact. At the end of 1990, the Southwestern Compact Commission had not made the necessary provisions to receive rebate disbursements for its member States.

Remaining funds are being held in the Nebraska State Cash Fund General Account by the Nebraska Department of Treasury for use by the Nebraska Department of Environmental Control in licensing and regulating the proposed disposal facility.

Central Midwest

The Central Midwest Interstate Low-Level Radioactive Waste Commission expended the remainder of its funds, \$122,831.53, in 1993. Of this amount, \$101,478.61 was used to establish a disposal facility and \$21,352.92 to mitigate host State impacts.

Of the \$101,478.61 used to establish a disposal facility, the Commission spent \$2,193.26 for expenses associated with conducting Commission meetings and hearings. In addition, \$2,504.80 was used to support participation in various meetings and conferences, including the Technical Coordinating Committee Meetings, LLW Forum Meetings, and the DOE Annual Low-Level Radioactive Waste Management Conference; \$94,834.30 to develop a tracking system for low-level radioactive waste; and \$1,946.25 for various administrative expenses. The \$21,352.92 was used to mitigate host State impacts through grants to the potential host community where a site was designated for characterization.

Midwest

In 1993, the Midwest Interstate Low-Level Radioactive Waste Commission expended \$276,637.39 to establish a disposal facility. Of this amount, \$210,147.04 was used for the administrative expenses of the Commission including salaries, benefits, office operations, accounting services, attending meetings and conferences, printing, etc.; \$11,889.82 for the services of an on-call technical assistance contractor; and \$54,600.53 for legal counsel.

All remaining funds are held by the Midwest Interstate Low-Level Radioactive Waste Commission in an investment account of Federally-insured certificates of deposit, Federal notes, or mutual funds consisting entirely of government-backed securities.

Northeast

The Northeast Interstate Low-Level Radioactive Waste Commission report shows that a total of \$19,950.85 was expended during 1993 to support the establishment of disposal facilities in each of its two host States. Of this amount, \$11,650.00 was used for various consulting services, and \$8,300.85 was used for several activities including equipment upgrades to enhance communication capabilities of the compact commissioners and the commission.

The unexpended funds are being held in an interest-bearing account administered by the Commission and in a special account for low-level radioactive waste disposal facility development administered by the New Jersey Office of Management and Budget.

Southwestern

Because the Southwestern Compact Commission convened its first meeting in January 1991, after the January 1, 1990, milestone disbursements were made, rebates were made to the individual member States (Arizona, California, North Dakota, and South Dakota) having funds attributed to them except for the State of South Dakota. South Dakota requested that its funds continue to be held in the DOE surcharge escrow account. In March 1993, DOE responded to South Dakota's request to disburse all funds to the State that were in its escrow account.

(NOTE: The Southwestern compact region was formed in July 1988 by Arizona and California. This action dissolved the Western compact region made up of Arizona and South Dakota. In February 1989 and July 1989, South Dakota and North Dakota, respectively, joined the Southwestern compact region.)

Arizona - Arizona used \$349.60 to establish a disposal facility by attending Southwestern Compact Commission meetings. All remaining funds are held in a special account controlled by the Arizona Radiation Regulatory Agency to support activities related to the Southwestern compact region in accordance with an agreement with California.

South Dakota - In March 1993, South Dakota received \$41.00 that DOE had been holding for the State in the DOE Surcharge Escrow Account. The State then transferred this money to California for its use.

California - California used the \$41.00 transferred from South Dakota for staff salaries.

North Dakota - North Dakota expended all of its rebate funds during 1991.

3.2 1993 Expenditures By Nonmember States

District of Columbia

The District of Columbia expended \$6,958.46 during 1993 to attend various low-level radioactive waste meetings. The remaining funds are held in a general account administered by the Department of Consumer and Regulatory Affairs for regulating, monitoring, and administering the Low-Level Radioactive Waste Disposal Program.

Maine

In 1993, the State of Maine expended \$9,844.00 to help establish a disposal facility by purchasing licensing and service contracts for the States's geological information system. The Maine Low-Level Radioactive Waste Authority holds its remaining funds in an interest-bearing account for future expenses.

Massachusetts

The Commonwealth of Massachusetts expended \$7,912.33 during 1993 on various administrative, legal, consultant, and office expenses related to establishing its disposal facility. The remaining funds are split between the Executive Office of Environmental Affairs, the Department of Environmental Protection, and the Low-Level Radioactive Waste Management Board and will be used for future needs, development of regulations, and Board activities, respectively.

New York

No rebate funds were expended in 1993. The remaining rebate funds are held in a special account invested in secured government obligations and administered by the New York State Energy Research and Development Authority. Legislative action is required to reimburse authorized expenditures of designated State agencies.

Rhode Island

Rhode Island expended \$2,130.60 during 1993 for various activities related to managing its low-level radioactive waste. The remaining funds are held in a specified State General Account controlled by the Department of Environmental Management.

Texas

In 1993, the Texas Low-Level Radioactive Waste Disposal Authority (the Authority) expended \$15,500.00 to establish a disposal facility by buying land and associated rights for the proposed disposal facility. All remaining funds are on deposit in the State Treasury.

Vermont

Vermont expended all of its rebate funds during 1990.

APPENDIX: SUMMARY OF DISBURSEMENTS AND EXPENDITURES (1986-1993)

From 1986 through 1993, expenditures totaling \$11,403,478.50 were reported by the following compact regions and States:

Appalachian
Central
Central Midwest
Midwest
Northeast
Southwestern
District of Columbia
Maine
Massachusetts
New York
Rhode Island
Texas
Vermont

As illustrated by Figure A-1 and noted on Table A-1, expenditures totaled \$615.95 in 1986, \$271,486.20 in 1987, \$646,539.51 in 1988, \$1,310,335.69 in 1989, \$3,718,897.99 in 1990, \$3,426,671.99 in 1991, \$1,445,761.61 in 1992, and \$583,169.56 in 1993. The remaining balance of all the States and compact regions at the end of 1993 was \$3,634,341.41. Table A-2 summarizes expenditures by expense category for the years 1986 through 1993.

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FIGURE A-1. CUMULATIVE TOTAL REBATES AND EXPENDITURES BY YEAR.

TABLE A-1. EXPENDITURES BY YEAR (1986-1993)

<u>Nonsited Compact Regions and States</u>	<u>Total Disbursements</u>	<u>1986 Expenditures</u>	<u>1987 Expenditures</u>	<u>1988 Expenditures</u>	<u>1989 Expenditures</u>
Appalachian ^a	\$ 31,191.15	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Delaware	0.00	0.00	0.00	0.00	0.00
Maryland	486,802.90	0.00	0.00	0.00	0.00
Pennsylvania	2,367,136.46	0.00	0.00	15,819.76	544,743.29
West Virginia	0.00	0.00	0.00	0.00	0.00
Central	1,500,349.14	14.00	61,939.55	59,107.59	219,872.00
Central Midwest	2,354,821.72	0.00	131,954.06	249,027.34	39,020.91
Midwest	2,011,278.73	0.00	0.00	69,201.43	0.00
Northeast	1,616,448.88	0.00	44,308.72	110,083.29	181,989.27
Southwestern ^b					
Arizona	379,096.30	0.00	350.50	22,499.19	4,182.06
California	1,505,700.42	0.00	0.00	62,500.00	192,922.25
North Dakota	546.31	0.00	0.00	0.00	0.00
South Dakota ^c	41.00	0.00	0.00	0.00	0.00
District of Columbia	11,760.92	0.00	0.00	0.00	1,910.47
Maine	141,690.40	0.00	0.00	0.00	32,211.43
Massachusetts	909,757.39	601.95	32,933.37	58,256.76	88,161.00
New Hampshire	0.00	0.00	0.00	0.00	0.00
New York	1,329,329.99	0.00	0.00	0.00	0.00
Puerto Rico	0.00	0.00	0.00	0.00	0.00
Rhode Island	19,365.95	0.00	0.00	44.15	5,323.01
Texas	356,330.86	0.00	0.00	0.00	0.00
Vermont	<u>16,171.39</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
TOTAL	\$15,037,819.91	\$615.95	\$271,486.20	\$646,539.51	\$1,310,335.69

- a. At the request of the Appalachian Compact Commission, DOE disbursed surcharge funds in September 1991 to the Compact totaling \$31,191.15. Of this amount, \$26,605.75 was attributable to Delaware, \$80.53 to Maryland, \$236.85 to Pennsylvania, and \$4,268.02 to West Virginia.
- b. The Western Compact was dissolved when the States of California and Arizona formed the Southwestern Compact in July 1988. In February 1989 and July 1989, South Dakota and North Dakota, respectively, joined the Southwestern Compact. At the end of 1990, the Southwestern Compact Commission had not made the necessary provisions to receive rebate disbursements for its member States.
- c. At the request of South Dakota, DOE disbursed funds in March 1993 that it had been holding for the State.

<u>1990</u> <u>Expenditures</u>	<u>1991</u> <u>Expenditures</u>	<u>1992</u> <u>Expenditures</u>	<u>1993</u> <u>Expenditures</u>	<u>Total</u> <u>Expenditures</u>	<u>Balances on</u> <u>12/31/93</u>
\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 31,191.15
0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	55,645.23	56,732.80	112,378.03	374,424.87
1,806,573.41	0.00	0.00	0.00	2,367,136.46	0.00
0.00	0.00	0.00	0.00	0.00	0.00
423,763.00	15,904.00	46,828.00	64,281.00	891,709.14	608,640.00
110,208.22	965,294.31	736,485.35	122,831.53	2,354,821.72	0.00
236,212.53	260,075.06	277,732.12	276,637.39	1,119,858.53	891,420.20
153,348.55	253,135.40	16,672.00	19,950.85	779,488.08	836,960.80
29,130.96	281,966.81	23,533.09	349.60	362,012.21	17,084.09
712,440.07	537,838.10	0.00	0.00	1,505,700.42	0.00
0.00	546.31	0.00	0.00	546.31	0.00
0.00	0.00	0.00	41.00	41.00	0.00
0.00	220.00	1,729.40	6,958.46	10,818.33	942.59
53,300.00	0.00	0.00	9,844.00	95,355.43	46,334.97
176,867.60	357,292.00	19,402.92	7,912.33	741,427.93	168,329.46
0.00	0.00	0.00	0.00	0.00	0.00
0.00	754,400.00	0.00	0.00	754,400.00	574,929.99
0.00	0.00	0.00	0.00	0.00	0.00
882.26	0.00	60.00	2,130.60	8,440.02	10,925.93
0.00	0.00	267,673.50	15,500.00	283,173.50	73,157.36
<u>16,171.39</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>16,171.39</u>	<u>0.00</u>
<u>\$3,718,897.99</u>	<u>\$3,426,671.99</u>	<u>\$1,445,761.61</u>	<u>\$ 583,169.56</u>	<u>\$11,403,200.50</u>	<u>\$ 3,634,341.41</u>

TABLE A-2. EXPENDITURES BY EXPENSE CATEGORY (1986-1993)

<u>Nonsited Compact Regions and States</u>	<u>Establish Disposal Facility</u>	<u>Mitigate Host State Impacts</u>	<u>Regulate Disposal Facility</u>	<u>Ensure D&D Closure and Care</u>	<u>Total Expenditures 12/31/93</u>
Appalachian ^a	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Delaware	0.00	0.00	0.00	0.00	0.00
Maryland	0.00	112,378.03	0.00	0.00	112,378.03
Pennsylvania	2,367,136.46	0.00	0.00	0.00	2,367,136.46
West Virginia	0.00	0.00	0.00	0.00	0.00
Central	891,709.14	0.00	0.00	0.00	891,709.14
Central Midwest	1,904,953.72	449,868.00	0.00	0.00	2,354,821.72
Midwest	1,119,858.53	0.00	0.00	0.00	1,119,858.53
Northeast	744,488.08	35,000.00	0.00	0.00	779,488.08
Southwestern ^b					
Arizona	362,012.21	0.00	0.00	0.00	362,012.21
California	1,505,700.42	0.00	0.00	0.00	1,505,700.42
North Dakota	546.31	0.00	0.00	0.00	546.31
South Dakota ^c	0.00	41.00	0.00	0.00	41.00
District of Columbia	10,818.33	0.00	0.00	0.00	10,818.33
Maine	95,355.43	0.00	0.00	0.00	95,355.43
Massachusetts	741,427.93	0.00	0.00	0.00	741,427.93
New Hampshire	0.00	0.00	0.00	0.00	0.00
New York	754,400.00	0.00	0.00	0.00	754,400.00
Puerto Rico	0.00	0.00	0.00	0.00	0.00
Rhode Island	8,440.02	0.00	0.00	0.00	8,440.02
Texas	283,173.50	0.00	0.00	0.00	283,173.50
Vermont	<u>16,171.39</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>16,171.39</u>
TOTAL	\$10,806,191.47	\$597,287.03	\$ 0.00	\$ 0.00	\$11,403,478.50

- a. At the request of the Appalachian Compact Commission, DOE disbursed surcharge funds in September 1991 to the compact totaling \$31,191.15. Of this amount, \$26,605.75 was attributable to Delaware, \$80.53 to Maryland, \$236.85 to Pennsylvania, and \$4,268.02 to West Virginia.
- b. The Western Compact was dissolved when the States of California and Arizona formed the Southwestern Compact in July 1988. In February 1989 and July 1989, South Dakota and North Dakota, respectively, joined the Southwestern Compact. At the end of 1990, the Southwestern Compact Commission had not made the necessary provisions to receive rebate disbursements for its member States.
- c. At the request of South Dakota, DOE disbursed funds in March 1993 that it had been holding for the State.

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