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**1994 State-by-State
Assessment of Low-Level
Radioactive Wastes Received at
Commercial Disposal Sites**

***National Low-Level Waste
Management Program***

Ronald L. Fuchs

September 1995

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**1994 STATE-BY-STATE ASSESSMENT
OF LOW-LEVEL RADIOACTIVE WASTES
RECEIVED AT COMMERCIAL
DISPOSAL SITES**

September 1995

**Idaho National Engineering Laboratory
Lockheed Martin Idaho Technologies
National Low-Level Waste Management Program
Idaho Falls, Idaho 83415-2420**

**Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Restoration
and Waste Management
Under DOE Idaho Operations Office
Contract No. DE-AC07-94ID13223**

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ABSTRACT

Each year the National Low-Level Waste Management Program publishes a state-by-state assessment report. This report provides both national and state-specific disposal data on low-level radioactive waste commercially disposed in the United States. Data in this report are categorized according to disposal site, generator category, waste class, volumes, and radionuclide activity. Included in this report are tables showing the distribution of waste by state for 1994 and a comparison of waste volumes and radioactivity by state for 1990 through 1994; also included is a list of all commercial nuclear power reactors in the United States as of December 31, 1994. This report distinguishes between low-level radioactive waste shipped directly for disposal by generators and waste that was handled by an intermediary, a reporting change introduced in the 1988 state-by-state report.

NOTICE

The information presented in this report is meant to be informative to the reader and provide accurate disposal figures for the commercial low-level radioactive waste being shipped for disposal within the United States. The disposal volumes in this report are presented using cubic foot (ft³) measurement, if the reader prefers cubic meters, divide the reported ft³ number by 35.314. In this year's document, additional graphics have been provided, for your convenience, at the National, Compact, and State levels in the way of comparison graphs for the years 1986 through 1994. Comments and suggestions as to how this document may better address your needs for information on this subject are welcomed. Comments may be sent to the address listed below:

Department of Energy
National Low-Level Waste Management Program
P.O. Box 1625
Idaho Falls, ID 83415-2420

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1994 STATE-BY-STATE ASSESSMENT OF LOW-LEVEL RADIOACTIVE WASTES RECEIVED AT COMMERCIAL DISPOSAL SITES

1. INTRODUCTION

The National Low-Level Waste Management Program (NLLWMP) has published 16 annual state-by-state assessment reports. These reports provide both national and state-specific disposal data that assist states in the management of low-level radioactive waste (LLW), as specified in the Low-Level Radioactive Waste Policy Act (Public Law 96-573) and the Low-Level Radioactive Waste Policy Amendments Act of 1985 [(LLRWPA) Public Law 99-240].

Over the past 16 years every state has disposed of some quantity of LLW. This waste is generated from a variety of commercial sources, such as

- Government and industrial research
- Generation of electrical power
- Medical diagnostic and therapeutic services
- Various manufacturing processes.

Before publishing the first state-by-state report in 1979, researchers studied the quantities and radioactivity levels of LLW disposed of in the United States. The first report was designed to assist states in extrapolating accurate estimates of disposal rates by separating wastes into four broad categories:

- Government
- Industrial
- Institutional
- Utility.

In 1983, the categories were further refined by establishing more specific categories for Institutional waste. This resulted in five categories, as follows:

- Academic
- Government
- Industrial
- Medical
- Utility.

Currently, commercial disposal sites report actual volumes disposed of for each of these five categories.

The volume of LLW disposed of at commercial disposal sites exceeded 3.7 million cubic feet in 1980. This represents the highest reported annual volume of LLW disposed of during the history of the state-by-state assessment documents. From 1981 through 1990, the volume of LLW being disposed of at commercial disposal sites declined. In 1991 and 1992, the reported volume of LLW received for disposal at commercial sites showed a slight increase. This increase is believed to be the result of the anticipated increase in disposal costs and, in 1992, the anticipated closure on January 1, 1993, of the Barnwell, South Carolina, Beatty, Nevada, and Richland, Washington disposal facilities to "out-of-region" generators. The reported 1994 volume was 858,677 cubic feet. A list of the 1994 LLW volumes and radioactivity reported as disposed by state is provided in Table 1. Only four states including Michigan, New Hampshire, Puerto Rico, which is treated as a state under the LLRWPA, and Rhode Island reported no LLW shipments in 1994. All of these states have been denied access to commercial disposal sites. On December 31, 1992, the Beatty, Nevada, site stopped receiving LLW for disposal altogether, and the Richland, Washington, site restricted the LLW received for disposal to the Northwest and Rocky Mountain compact states. The Barnwell, South Carolina, disposal facility continued to receive LLW for disposal by the member states of the Southeast compact and those compact states that had contracts with the Southeast commission through June 30, 1994. The Barnwell site closed to all states except the Southeast compact states in July 1994. States that do not have access to an operational disposal site will have to store their LLW until a location is identified for disposal.

The first state-by-state assessment used several data sources. These included U.S. Nuclear Regulatory Commission (NRC) records on nuclear power plant waste shipments,¹ the U.S. Department of Energy Solid Waste Information Management Systems² for information on defense waste shipped to commercial sites, and the University of Maryland (at Baltimore) studies on national institutional waste generation.^{3,4} Since its initial publication, this report has been modified and expanded as more detailed state information became available from the disposal sites. Results from generator surveys and feedback from state officials continue to improve understanding of the sources of LLW and the quality of the data.

Data in this report has been reviewed by representatives of individual states' radiation control programs prior to release. A list of state radiation control program representatives is provided for the reader's convenience in Appendix C.

Table 1. 1994 waste distribution by state as reported by disposal site operators.

States	Volume (ft ³)	Activity (curies)
Alabama	14,193.55	9,034.06
Alaska	44.30	4.69
Arizona	8,300.16	452.98
Arkansas	6,257.56	473.05
Army Out U.S. ^a	6,716.30	1,055.60
California	47,457.68	23,132.46
Colorado	17,588.51	4,520.60
Connecticut	12,736.80	888.53
Delaware	374.81	69.29
District of Columbia	561.69	345.23
Florida	11,976.54	3,279.99
Georgia	19,428.12	167,310.33
Hawaii	1,900.48	50.07
Idaho	26.56	93.76
Illinois	61,224.04	32,136.47
Indiana	1,622.81	128.92
Iowa	3,179.02	1,632.89
Kansas	1,980.80	2,297.18
Kentucky	332.93	284.66
Louisiana	15,632.31	1,877.54
Maine	2,939.90	16.70
Maryland	8,421.08	1,439.69
Massachusetts	19,486.17	141,109.85
Michigan	0	0
Minnesota	1,932.46	1,738.82
Mississippi	7,128.10	660.06
Missouri	5,896.82	1,200.21
Montana	9.70	0.46
Nebraska	2,634.34	991.64
Nevada	280.45	4.39
New Hampshire	0	0
New Jersey	22,501.04	5,726.92
New Mexico	402.15	5.51
New York	82,583.06	175,843.05
North Carolina	30,707.12	68,213.47
North Dakota	60.80	6.48
Ohio	11,667.83	582.68
Oklahoma	466.51	63.70
Oregon	32,179.28	48.34
Pennsylvania	51,465.11	93,729.60
Puerto Rico	0	0
Rhode Island	0	0
South Carolina	54,543.75	1,476.41

a. Army Out U.S. = U.S. owned military bases located outside the continental United States.

Table 1. (continued)

<u>States</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
South Dakota	5.40	7.05
Tennessee	154,301.48	194.18
Texas	5,879.75	4,461.62
Utah	5,849.10	80.18
Vermont	2,863.34	157.85
Virginia	50,497.90	2,402.23
Washington	66,259.32	1,263.83
West Virginia	81.79	0.45
Wisconsin	5,892.17	879.26
Wyoming	206.11	5.65
TOTAL	858,677.00	751,378.57

2. 1994 REPORTING METHOD AND SUMMARY

The data for the 1994 state-by-state assessment report were developed from the Department of Energy's Manifest Information System with data originating from the LLW shipment manifests recorded at the two commercial LLW disposal sites located at Barnwell, South Carolina; and Richland, Washington.^{b,c} This information is presented in Appendix A with expanded graphics.

Reports generated for 1979 through 1987 in this series have attributed waste that was processed or consolidated into larger shipments at intermediate waste management facilities to the states in which those facilities were located. The report generated for 1988 and subsequent years attributes waste volume, activity, and generator type by source to the original state in which it was generated, even where brokered shipments included waste originally generated in more than one state. This change in reporting method was made possible because of changes in the manifesting requirements for brokered shipments at the sited states. The waste volumes for states such as Tennessee, where a significant volume of waste is processed through several large waste management facilities, were the most notably affected.

Due to the change in reporting methods, which began in 1988, it became necessary to make a distinction between LLW shipments shipped directly from the generator to the disposal site and those LLW shipments that were shipped through an intermediary. The new reporting method required intermediary waste handlers to associate LLW by volume and activity to the generator and state of origin. This requirement, however, does not require an association of generator and state for information relating to the specific waste radionuclide or waste classification. For this reason, two classifications of waste shipments have been maintained in this report since 1988:

- Nondirect: Shipments from the generator to the disposal facility through an intermediary
- Direct: Shipments that did not involve an intermediary.

In 1994, approximately 58%, or 499,355 cubic feet, of all LLW shipped for disposal was categorized as Nondirect.

The data are arranged to allow the reader to locate information by area of interest, ranging from total commercial LLW disposed within the United States to LLW disposed by a specific state.

The information presented covers the distribution of LLW by

- Volume
- Activity
- Waste classification
- Waste generator type
- Disposal site
- Waste that has been subject to intermediate handling.

b. Data obtained from Chem-Nuclear Systems, Inc., for the Barnwell, South Carolina, LLW disposal site as defined by subcontract number C87-131476-M6.

c. Data obtained from U.S. Ecology, Inc., for the LLW disposal sites located in Beatty, Nevada, and Richland, Washington, as defined by subcontract number C91-133053-M2.

Waste generator categories are

- Academic
- Government
- Industrial
- Medical
- Utility.

The utility category includes commercial nuclear power reactors. The academic category includes university hospitals and university medical and nonmedical research facilities. Medical generators include hospitals and clinics, research facilities, and private medical offices. The industrial category encompasses private entities such as research and development companies, manufacturers, nondestructive testing, mining, fuel fabrication facilities, and radiopharmaceutical manufacturers. The government category includes state and federal agencies.

Appendix B contains a comparison of LLW disposal volumes by state for the most recent 5-year period, a comparison of the radioactivity of LLW disposed by State for the most recent 5-year period, and a complete list of the commercial nuclear power reactors located in the United States as of December 31, 1994.

A review of the data found in this report will show that in 1994 commercial LLW disposal facilities received a total volume of 858,677 cubic feet of waste containing an activity of 751,379 curies. Waste distribution by disposal site is presented in Table 2; Tables 3 and 4 provide information concerning the typical radionuclide and waste forms associated with commercial LLW.

Table 2. Distribution of low-level radioactive waste received at disposal sites in 1994.

<u>Site</u>	<u>Volume (ft³)</u>	<u>Percent of Total</u>	<u>Activity (curies)</u>	<u>Percent of Total</u>
Barnwell	733,931	85	745,301	99
Richland	124,746	15	6,078	1
Total	858,677	100	751,379	100

Table 3. Radionuclides received through direct and nondirect low-level radioactive waste shipments at Commercial disposal sites in 1994. The top 20 radionuclides are listed in order of total activity, per element, received in highest to lowest activity levels.

Nondirect	Utility	Academic	Medical ^a	Industrial	Government
H-3	Fe-55	Ta-182	Co-60	Cs-137	Co-60
Fe-55	Co-60	Co-60		Co-60	Fe-55
Co-60	Ni-63	Zn-65		H-3	Co-58
Ni-63	Mn-54	Fe-55		Fe-55	Ni-63
Cs-137	Cr-51	Fe-59		Ni-63	Mn-54
Co-58	Zn-65	Sc-46		Ir-192	C-14
Mn-54	Cs-137	Cr-51		Sr-90	H-3
Zr-95	Co-58	Mn-54		U-238	Sr-90
Sr-90	Cs-134	Ni-63		C-14	Cs-137
Zn-65	H-3	C-14		Cs-134	Sb-125
C-14	Ag-110m	Ni-59		Th-232	Nb-94
Cs-134	Ni-59	Am-241		U-234	Nb-95
Kr-85	C-14	I-125		S-35	U-238
Cr-51	Sb-125	H-3		Pu-241	Fe-59
Pm-147	Fe-59	Ra-226		Ni-59	Co-57
P-32	Ce-144	P-32		Ce-144	Hf-181
Nb-95	I-131	Cs-137		Zn-65	Ni-59
Ce-144	Sr-89	Co-57		Ag-110m	U-233
S-35	Ba-140	Cs-134		Pa-234	Tc-99
Fe-59	Be-7	Fe-57		Cr-51	Th-230

a. The majority of Medical radionuclides will be included in the Nondirect category.

Table 4. Typical waste forms by generator categories.⁵

Academic

Compacted trash or solids
Institutional laboratory or biological waste
Absorbed liquids
Animal carcasses

Government

Compacted trash or solids
Contaminated plant hardware
Absorbed liquids

Industrial

Depleted uranium
Compacted trash or solids
Contaminated plant hardware
Absorbed liquids
Sealed sources

Medical

Compacted trash or solids
Institutional laboratory or biological waste
Absorbed liquids
Sealed sources

Utilities

Spent resins
Evaporator bottoms and concentrated waste
Filter sludge
Dry compressible waste
Irradiated components
Contaminated plant hardware

3. REFERENCES

1. U.S. Nuclear Regulatory Commission, "Measuring, Evaluating, and Reporting Radioactivity in Solid Wastes and Releases of Radioactive Materials in Liquid and Gaseous Effluents from Light Water Cooled Nuclear Power Plants," Regulatory Guide 1.21, Revision 1, June 1974.
2. U.S. Department of Energy, Washington, D.C., "Solid Waste Information Management System (SWIMS)-Actual Solid Waste Generated for Fiscal Year 1979," February 22, 1980.
3. R. L. Anderson, L. R. Cooley, T. J. Beck, C. S. Strauss, *Institutional Radioactive Waste*, NUREG/CR-0028, Radiation Safety Office, University of Maryland at Baltimore, March 1978.
4. T. J. Beck, L. R. Cooley, M. R. McCampbell, *Institutional Radioactive Wastes-1977*, Radiation Safety Office, University of Maryland at Baltimore (draft), June 1979.
5. Conference of Radiation Control Program Directors, Inc., Low-Level Radioactive Waste Management Survey Summary, 1984.

APPENDIX A

**1994 LOW-LEVEL RADIOACTIVE WASTE ASSESSMENTS BY
COMPACT REGION AND STATE**

The volume and activity totals on the following pages may not sum exactly due to computer-generated rounding.

Page intentionally left blank.

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UNITED STATES

Low-Level Radioactive Wastes Received at Commercial Disposal Sites^a in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	17,804.45	420.98
Government	115,587.81	33,028.33
Industrial	342,229.15	31,526.21
Medical	5,013.13	454.93
Utility	378,042.46	685,948.12
Total	858,677.00	751,378.57

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

a. Data in this and all succeeding pages in Appendix A were provided by the Department of Energy's Manifest Information System. Data originated with Chem Nuclear Systems, Inc. and U.S. Ecology, Inc.

UNITED STATES

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Disposal Site	Volume (ft ³)	Activity (curies)
Barnwell	733,931.04	745,301.09
Richland	124,745.96	6,077.48
Total	858,677.00	751,378.57

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS**
(Percentages <.1% are not displayed)

Direct Shipment Waste Class	Volume (ft ³)
A	822,060.41
B	23,817.46
C	13,130.63
Total	858,677.00
Grand Total (curies)	751,378.57

UNITED STATES COMPACT Comparison By Year

Volumes in Cubic Feet

Activities in Curies

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APPALACHIAN COMPACT **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1994**

States	Volume (ft ³)	Activity (curies)
Delaware	374.81	69.29
Maryland	8,421.08	1,439.69
Pennsylvania	51,465.11	93,729.60
West Virginia	81.79	0.45
Total	60,342.79	95,239.03

VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

VOLUME PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

DELAWARE **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1994**

Generator Category	Volume (ft ³)	Activity (curies)
Academic	14.93	0.11
Industrial	359.88	69.19
Total	374.81	69.29

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

DELAWARE **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1994**

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>374.81</u>	<u>69.29</u>
Total	374.81	69.29

VOLUME PERCENTAGE BY DISPOSAL SITE
 (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
 (Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
 FOR DIRECT SHIPMENTS AND TOTAL
 NONDIRECT VOLUME PERCENTAGE**
 (Percentages <.1% are not displayed)

MARYLAND

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	722.61	2.51
Government	3,866.94	1,410.25
Industrial	951.93	2.29
Medical	164.20	0.20
Utility	2,715.40	24.45
Total	8,421.08	1,439.69

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

Volumes in Cubic Feet

Activities in Curies

MARYLAND

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	8,421.08	1,439.69
Total	8,421.08	1,439.69

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	142.80
B	243.80
C	0.00
Total	386.60
Nondirect Shipments	8,034.48
Grand Total	8,421.08
Total Direct Shipment Activity (curies)	862.17
Total Nondirect Shipment Activity (curies)	577.53
Grand Total (curies)	1,439.69

PENNSYLVANIA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	431.56	6.88
Government	507.11	11,186.79
Industrial	5,305.98	100.54
Medical	285.05	0.84
Utility	44,935.41	82,434.55
Total	51,465.11	93,729.60

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

PENNSYLVANIA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>51,465.11</u>	<u>93,729.60</u>
Total	51,465.11	93,729.60

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	18,777.65
B	1,464.10
C	<u>240.64</u>
Total	20,482.29
Nondirect Shipments	<u>30,982.82</u>
Grand Total	51,465.11
Total Direct Shipment Activity (curies)	81,119.79
Total Nondirect Shipment Activity (curies)	<u>12,609.81</u>
Grand Total (curies)	93,729.60

WEST VIRGINIA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	63.23	0.23
Government	0.82	<1
Industrial	17.74	0.22
Total	81.79	0.45

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

WEST VIRGINIA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>81.79</u>	<u>0.45</u>
Total	81.79	0.45

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

APPALACHIAN COMPACT Comparison By Year

CENTRAL COMPACT

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

States	Volume (ft ³)	Activity (curies)
Arkansas	6,257.56	473.05
Kansas	1,980.80	2,297.18
Louisiana	15,632.31	1,877.54
Nebraska	2,634.34	991.64
Oklahoma	466.51	63.70
Total	26,971.52	5,703.11

VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

VOLUME PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

ARKANSAS

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	13.40	0.72
Government	6.50	0.01
Industrial	6.63	0.05
Medical	5.11	<1
Utility	6,225.92	472.27
Total	6,257.56	473.05

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

ARKANSAS

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>6,257.56</u>	<u>473.05</u>
Total	6,257.56	473.05

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

Direct Shipment
Waste Class

Volume
(ft³)

A	0.00
B	218.10
C	<u>234.60</u>
Total	452.70
Nondirect Shipments	<u>5,804.86</u>
Grand Total	6,257.56
Total Direct Shipment Activity (curies)	462.88
Total Nondirect Shipment Activity (curies)	<u>10.16</u>
Grand Total (curies)	473.05

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

KANSAS

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	125.20	2.73
Government	4.10	53.33
Industrial	89.74	1,634.55
Utility	1,761.76	606.57
Total	1,980.80	2,297.18

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

KANSAS

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>1,980.80</u>	<u>2,297.18</u>
Total	1,980.80	2,297.18

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	617.30
B	83.40
C	<u>333.60</u>
Total	1,034.30
Nondirect Shipments	<u>946.50</u>
Grand Total	1,980.80
Total Direct Shipment Activity (curies)	604.78
Total Nondirect Shipment Activity (curies)	<u>1,692.40</u>
Grand Total (curies)	2,297.18

LOUISIANA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	12.61	0.64
Government	26.40	92.89
Industrial	34.66	17.06
Medical	0.56	<1
Utility	15,558.08	1,766.96
Total	15,632.31	1,877.54

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

LOUISIANA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	15,632.31	1,877.54
Total	15,632.31	1,877.54

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	5,118.60
B	610.30
C	120.30
Total	5,849.20
Nondirect Shipments	9,783.11
Grand Total	15,632.31
Total Direct Shipment Activity (curies)	1,762.71
Total Nondirect Shipment Activity (curies)	114.84
Grand Total (curies)	1,877.54

NEBRASKA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	32.90	0.23
Government	4.50	19.46
Industrial	0.54	<1
Utility	2,596.40	971.94
Total	2,634.34	991.64

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

NEBRASKA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>2,634.34</u>	<u>991.64</u>
Total	2,634.34	991.64

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	1,993.80
B	0.00
C	<u>0.00</u>
Total	1,993.80
Nondirect Shipments	<u>640.54</u>
Grand Total	2,634.34
Total Direct Shipment Activity (curies)	971.03
Total Nondirect Shipment Activity (curies)	<u>20.61</u>
Grand Total (curies)	991.64

OKLAHOMA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	20.92	0.37
Government	412.60	63.30
Industrial	32.99	0.03
Total	466.51	63.70

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

OKLAHOMA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>466.51</u>	<u>63.70</u>
Total	466.51	63.70

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

CENTRAL COMPACT Comparison By Year

CENTRAL MIDWEST COMPACT

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>States</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Illinois	61,224.04	32,136.47
Kentucky	332.93	284.66
Total	61,556.97	32,421.13

VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

VOLUME PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

ILLINOIS

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	421.99	5.06
Government	1,501.82	352.22
Industrial	5,111.24	1,841.01
Medical	500.17	0.49
Utility	53,688.82	29,937.68
Total	61,224.04	32,136.47

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

ILLINOIS

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>61,224.04</u>	<u>32,136.47</u>
Total	61,224.04	32,136.47

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	28,048.10
B	3,883.70
C	<u>1,340.70</u>
Total	33,272.50
Nondirect Shipments	<u>27,951.54</u>
Grand Total	61,224.04
Total Direct Shipment Activity (curies)	30,766.49
Total Nondirect Shipment Activity (curies)	<u>1,369.98</u>
Grand Total (curies)	32,136.47

KENTUCKY

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	65.74	0.07
Government	115.05	282.03
Industrial	152.09	2.56
Medical	0.05	<1
Total	332.93	284.66

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

KENTUCKY

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>332.93</u>	<u>284.66</u>
Total	332.93	284.66

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	10.80
B	0.00
C	<u>91.63</u>
Total	102.43
Nondirect Shipments	<u>230.50</u>
Grand Total	332.93
Total Direct Shipment Activity (curies)	.75
Total Nondirect Shipment Activity (curies)	<u>283.91</u>
Grand Total (curies)	284.66

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

CENTRAL MIDWEST COMPACT Comparison By Year

MIDWEST COMPACT

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

States	Volume (ft ³)	Activity (curies)
Indiana	1,622.81	128.92
Iowa	3,179.02	1,632.89
Minnesota	1,932.46	1,738.82
Missouri	5,896.82	1,200.21
Ohio	11,667.83	582.68
Wisconsin	5,892.17	879.26
Total	30,191.11	6,162.78

VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

VOLUME PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

INDIANA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	547.28	25.20
Government	237.60	99.02
Industrial	828.47	4.69
Medical	9.46	0.02
Total	1,622.81	128.92

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

INDIANA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>1,622.81</u>	<u>128.92</u>
Total	1,622.81	128.92

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	480.00
B	0.00
C	<u>0.00</u>
Total	480.00
Nondirect Shipments	<u>1,142.81</u>
Grand Total	1,622.81
Total Direct Shipment Activity (curies)	0.23
Total Nondirect Shipment Activity (curies)	<u>128.69</u>
Grand Total (curies)	128.92

IOWA Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	172.23	1.83
Government	3.60	<1
Industrial	168.42	1.50
Medical	0.22	<1
Utility	2,834.55	1,629.56
Total	3,179.02	1,632.89

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

IOWA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>3,179.02</u>	<u>1,632.89</u>
Total	3,179.02	1,632.89

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	1,575.25
B	0.00
C	<u>0.00</u>
Total	1,575.25
Nondirect Shipments	<u>1,603.77</u>
Grand Total	3,179.02
Total Direct Shipment Activity (curies)	323.67
Total Nondirect Shipment Activity (curies)	<u>1,309.22</u>
Grand Total (curies)	1,632.89

MINNESOTA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	214.49	4.37
Government	0.50	8.53
Industrial	84.05	31.81
Medical	12.85	0.16
Utility	1,620.57	1,693.93
Total	1,932.46	1,738.82

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

MINNESOTA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>1,932.46</u>	<u>1,738.82</u>
Total	1,932.46	1,738.82

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	205.80
B	376.40
C	<u>0.00</u>
Total	582.20
Nondirect Shipments	<u>1,350.26</u>
Grand Total	1,932.46
Total Direct Shipment Activity (curies)	1,644.70
Total Nondirect Shipment Activity (curies)	<u>94.12</u>
Grand Total (curies)	1,738.82

MISSOURI

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	824.01	196.77
Government	32.07	191.13
Industrial	2,281.93	91.85
Medical	47.93	1.02
Utility	2,710.88	719.44
Total	5,896.82	1,200.21

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

MISSOURI

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>5,896.82</u>	<u>1,200.21</u>
Total	5,896.82	1,200.21

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

Direct Shipment
Waste Class

A
B
C

Total

Nondirect Shipments

Grand Total

Total Direct Shipment

Activity (curies)

Total Nondirect Shipment

Activity (curies)

Grand Total (curies)

Volume
(ft³)

788.80

14.60

219.20

1,022.60

4,874.22

5,896.82

897.83

302.38

1,200.21

OHIO

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	603.22	4.35
Government	137.70	13.11
Industrial	1,593.10	57.22
Medical	80.02	0.44
Utility	9,253.79	507.56
Total	11,667.83	582.68

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

OHIO

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	11,667.83	582.68
Total	11,667.83	582.68

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	4,459.62
B	187.20
C	36.18
Total	4,683.00
Nondirect Shipments	6,984.83
Grand Total	11,667.83
Total Direct Shipment Activity (curies)	350.72
Total Nondirect Shipment Activity (curies)	231.97
Grand Total (curies)	582.68

VOLUME PERCENTAGE BY WASTE CLASS FOR DIRECT SHIPMENTS AND TOTAL NONDIRECT VOLUME PERCENTAGE
(Percentages <.1% are not displayed)

WISCONSIN

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	61.89	0.64
Government	9.04	93.11
Industrial	204.54	0.21
Medical	1.17	0.01
Utility	5,615.53	785.29
Total	5,892.17	879.26

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

WISCONSIN

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>5,892.17</u>	<u>879.26</u>
Total	5,892.17	879.26

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	1,863.90
B	436.50
C	<u>83.40</u>
Total	2,383.80
Nondirect Shipments	<u>3,508.37</u>
Grand Total	5,892.17
Total Direct Shipment Activity (curies)	685.28
Total Nondirect Shipment Activity (curies)	<u>193.98</u>
Grand Total (curies)	879.26

MIDWEST COMPACT Comparison By Year

NORTHEAST COMPACT

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>States</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Connecticut	12,736.80	888.53
New Jersey	22,501.04	5,726.92
Total	35,237.84	6,615.45

VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

VOLUME PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

CONNECTICUT

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	461.23	4.64
Government	1,559.90	136.86
Industrial	1,382.31	5.56
Medical	13.39	<1
Utility	9,319.97	741.47
Total	12,736.80	888.53

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

CONNECTICUT

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>12,736.80</u>	<u>888.53</u>
Total	12,736.80	888.53

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	3,175.52
B	791.30
C	<u>613.50</u>
Total	4,580.32
Nondirect Shipments	<u>8,156.48</u>
Grand Total	12,736.80
Total Direct Shipment Activity (curies)	734.67
Total Nondirect Shipment Activity (curies)	<u>153.86</u>
Grand Total (curies)	888.53

NEW JERSEY

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	567.90	4.96
Government	1,233.10	2,381.55
Industrial	5,410.99	72.00
Medical	135.08	0.04
Utility	15,153.97	3,268.38
Total	22,501.04	5,726.92

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

NEW JERSEY **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1994**

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>22,501.04</u>	<u>5,726.92</u>
Total	22,501.04	5,726.92

VOLUME PERCENTAGE BY DISPOSAL SITE
 (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
 (Percentages <.1% are not displayed)

VOLUME PERCENTAGE BY WASTE CLASS FOR DIRECT SHIPMENTS AND TOTAL NONDIRECT VOLUME PERCENTAGE
 (Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	9,496.66
B	943.50
C	<u>161.78</u>
Total	10,601.94
Nondirect Shipments	<u>11,899.10</u>
Grand Total	22,501.04
Total Direct Shipment Activity (curies)	3,243.62
Total Nondirect Shipment Activity (curies)	<u>2,483.30</u>
Grand Total (curies)	5,726.92

NORTHEAST COMPACT Comparison By Year

NORTHWEST COMPACT

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

States	Volume (ft ³)	Activity (curies)
Alaska	44.30	4.69
Hawaii	1,900.48	50.07
Idaho	26.56	93.76
Montana	9.70	0.46
Oregon	32,179.28	48.34
Utah	5,849.10	80.18
Washington	66,259.32	1,263.83
Wyoming	206.11	5.65
Total	106,474.85	1,546.99

VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

VOLUME PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

ALASKA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	30.00	0.15
Government	14.30	4.55
Total	44.30	4.69

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

ALASKA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>44.30</u>	<u>4.69</u>
Total	44.30	4.69

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

HAWAII

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Generator Category</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Government	<u>1,900.48</u>	<u>50.07</u>
Total	1,900.48	50.07

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

HAWAII

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>1,900.48</u>	<u>50.07</u>
Total	1,900.48	50.07

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	1,900.48
B	0.00
C	<u>0.00</u>
Total	1,900.48
Nondirect Shipments	<u>0</u>
Grand Total	1,900.48
Total Direct Shipment Activity (curies)	50.07
Total Nondirect Shipment Activity (curies)	<u>0</u>
Grand Total (curies)	50.07

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

IDAHO

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Government	11.30	93.11
Industrial	15.26	0.65
Total	26.56	93.76

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

IDAHO

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>26.56</u>	<u>93.76</u>
Total	26.56	93.76

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

MONTANA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Generator Category</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Government	4.20	0.30
Industrial	5.50	0.16
Total	9.70	0.46

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

MONTANA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>9.70</u>	<u>0.46</u>
Total	9.70	0.46

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

OREGON

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	681.14	1.24
Government	15.60	42.50
Industrial	21,171.94	2.16
Medical	45.60	0.54
Utility	10,265.00	1.91
Total	32,179.28	48.34

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

OREGON

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>32,179.28</u>	<u>48.34</u>
Total	32,179.28	48.34

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	31,121.20
B	0.00
C	<u>0.00</u>
Total	31,121.20
Nondirect Shipments	<u>1,058.08</u>
Grand Total	32,179.28
Total Direct Shipment Activity (curies)	3.65
Total Nondirect Shipment Activity (curies)	<u>44.70</u>
Grand Total (curies)	48.34

UTAH

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	124.70	0.03
Government	116.10	79.80
Industrial	5,603.80	0.31
Medical	4.50	0.04
Total	5,849.10	80.18

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

UTAH

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>5,849.10</u>	<u>80.18</u>
Total	5,849.10	80.18

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	5,567.50
B	0.00
C	0.00
Total	5,567.50
Nondirect Shipments	<u>281.60</u>
Grand Total	5,849.10
Total Direct Shipment Activity (curies)	0.30
Total Nondirect Shipment Activity (curies)	<u>79.88</u>
Grand Total (curies)	80.18

WASHINGTON

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	1,038.80	6.74
Government	11,882.61	36.02
Industrial	40,733.03	14.93
Medical	323.78	1.72
Utility	12,281.10	1,204.41
Total	66,259.32	1,263.83

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

WASHINGTON

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>66,259.32</u>	<u>1,263.83</u>
Total	66,259.32	1,263.83

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	46,705.29
B	397.20
C	<u>202.00</u>
Total	47,302.49
Nondirect Shipments	<u>18,956.83</u>
Grand Total	66,259.32
Total Direct Shipment Activity (curies)	1,242.98
Total Nondirect Shipment Activity (curies)	<u>20.85</u>
Grand Total (curies)	1,263.83

WYOMING

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	203.80	1.52
Government	2.31	4.13
Total	206.11	5.65

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

WYOMING **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1994**

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>206.11</u>	<u>5.65</u>
Total	206.11	5.65

VOLUME PERCENTAGE BY DISPOSAL SITE
 (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
 (Percentages <.1% are not displayed)

VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE
 (Percentages <.1% are not displayed)

NORTHWEST COMPACT Comparison By Year

ROCKY MOUNTAIN COMPACT **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1994**

<u>States</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Colorado	17,588.51	4,520.60
Nevada	280.45	4.39
New Mexico	402.15	5.51
Total	18,271.11	4,530.50

VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

VOLUME PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

COLORADO

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	1,603.48	0.59
Government	944.20	60.80
Industrial	405.01	1.20
Medical	452.92	0.19
Utility	14,182.90	4,457.83
Total	17,588.51	4,520.60

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

COLORADO **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1994**

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>17,588.51</u>	<u>4,520.60</u>
Total	17,588.51	4,520.60

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

VOLUME PERCENTAGE BY WASTE CLASS FOR DIRECT SHIPMENTS AND TOTAL NONDIRECT VOLUME PERCENTAGE
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	12,294.20
B	0.00
C	<u>0.00</u>
Total	12,294.20
Nondirect Shipments	<u>5,294.31</u>
Grand Total	17,588.51
Total Direct Shipment Activity (curies)	4,039.69
Total Nondirect Shipment Activity (curies)	<u>480.91</u>
Grand Total (curies)	4,520.60

NEVADA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	216.84	0.60
Government	53.61	3.79
Industrial	10.00	<1
Total	280.45	4.39

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

NEVADA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>280.45</u>	<u>4.39</u>
Total	280.45	4.39

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	116.29
B	0.00
C	<u>0.00</u>
Total	116.29
Nondirect Shipments	<u>164.16</u>
Grand Total	280.45
Total Direct Shipment Activity (curies)	<1
Total Nondirect Shipment Activity (curies)	<u>4.39</u>
Grand Total (curies)	4.39

NEW MEXICO

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Government	18.24	5.34
Industrial	292.70	0.15
Medical	91.21	0.02
Total	402.15	5.51

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

NEW MEXICO **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1994**

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Richland	<u>402.15</u>	<u>5.51</u>
Total	402.15	5.51

VOLUME PERCENTAGE BY DISPOSAL SITE
 (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
 (Percentages <.1% are not displayed)

VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE
 (Percentages <.1% are not displayed)

ROCKY MOUNTAIN COMPACT Comparison By Year

Volumes in Cubic Feet

Activities in Curies

SOUTHEAST COMPACT

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

States	Volume (ft ³)	Activity (curies)
Alabama	14,193.55	9,034.06
Florida	11,976.54	3,279.99
Georgia	19,428.12	167,310.33
Mississippi	7,128.10	660.06
North Carolina	30,707.12	68,213.47
South Carolina	54,543.75	1,476.41
Tennessee	154,301.48	194.18
Virginia	50,497.90	2,402.23
Total	342,776.56	252,570.73

VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

VOLUME PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

ALABAMA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	7.50	<1
Government	86.12	7,627.52
Industrial	366.92	8.67
Medical	17.68	0.81
Utility	13,715.33	1,397.06
Total	14,193.55	9,034.06

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

ALABAMA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>14,193.55</u>	<u>9,034.06</u>
Total	14,193.55	9,034.06

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	6,058.80
B	752.10
C	<u>7.50</u>
Total	6,818.40
Nondirect Shipments	<u>7,375.15</u>
Grand Total	14,193.55
Total Direct Shipment Activity (curies)	1,345.95
Total Nondirect Shipment Activity (curies)	<u>7,688.11</u>
Grand Total (curies)	9,034.06

FLORIDA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	309.91	0.74
Government	3.20	1.74
Industrial	157.85	1.08
Medical	115.89	0.24
Utility	11,389.69	3,276.19
Total	11,976.54	3,279.99

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

FLORIDA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>11,976.54</u>	<u>3,279.99</u>
Total	11,976.54	3,279.99

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	928.60
B	648.50
C	<u>1,380.80</u>
Total	2,957.90
Nondirect Shipments	<u>9,018.64</u>
Grand Total	11,976.54
Total Direct Shipment Activity (curies)	3,069.34
Total Nondirect Shipment Activity (curies)	<u>210.65</u>
Grand Total (curies)	3,279.99

GEORGIA **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1994**

Generator Category	Volume (ft ³)	Activity (curies)
Academic	314.16	0.37
Government	85.71	367.39
Industrial	1,063.84	4.08
Medical	39.85	0.01
Utility	17,924.56	166,938.48
Total	19,428.12	167,310.33

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

GEORGIA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	19,428.12	167,310.33
Total	19,428.12	167,310.33

VOLUME PERCENTAGE BY DISPOSAL SITE
(percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	9,929.00
B	174.30
C	487.20
Total	10,590.50
Nondirect Shipments	8,837.62
Grand Total	19,428.12
Total Direct Shipment Activity (curies)	166,695.01
Total Nondirect Shipment Activity (curies)	615.32
Grand Total (curies)	167,310.33

MISSISSIPPI

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	38.00	0.11
Government	13.90	0.29
Industrial	971.73	1.72
Medical	8.89	0.01
Utility	6,095.58	657.93
Total	7,128.10	660.06

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

MISSISSIPPI

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>7,128.10</u>	<u>660.06</u>
Total	7,128.10	660.06

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	3,188.80
B	0.00
C	<u>0.00</u>
Total	3,188.80
Nondirect Shipments	<u>3,939.30</u>
Grand Total	7,128.10
Total Direct Shipment Activity (curies)	633.00
Total Nondirect Shipment Activity (curies)	<u>27.06</u>
Grand Total (curies)	660.06

NORTH CAROLINA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	2,233.39	6.16
Government	409.50	25.76
Industrial	8,162.31	92.98
Medical	53.60	0.46
Utility	19,848.32	68,088.12
Total	30,707.12	68,213.47

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

NORTH CAROLINA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>30,707.12</u>	<u>68,213.47</u>
Total	30,707.12	68,213.47

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	10,796.20
B	407.40
C	<u>178.20</u>
Total	11,381.80
Nondirect Shipments	<u>19,325.32</u>
Grand Total	30,707.12
Total Direct Shipment Activity (curies)	67,869.63
Total Nondirect Shipment Activity (curies)	<u>343.85</u>
Grand Total (curies)	68,213.47

SOUTH CAROLINA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	1,095.90	2.27
Government	22,674.90	74.09
Industrial	9,488.44	21.69
Utility	21,284.51	1,378.36
Total	54,543.75	1,476.41

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

SOUTH CAROLINA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>54,543.75</u>	<u>1,476.41</u>
Total	54,543.75	1,476.41

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	10,628.48
B	742.40
C	<u>198.30</u>
Total	11,569.18
Nondirect Shipments	<u>42,974.57</u>
Grand Total	54,543.75
Total Direct Shipment Activity (curies)	1,283.81
Total Nondirect Shipment Activity (curies)	<u>192.60</u>
Grand Total (curies)	1,476.41

TENNESSEE

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	438.29	0.71
Government	3.00	<1
Industrial	151,590.93	96.23
Medical	59.66	0.10
Utility	2,209.60	97.14
Total	154,301.48	194.18

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

TENNESSEE

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>154,301.48</u>	<u>194.18</u>
Total	154,301.48	194.18

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	19,634.70
B	0.00
C	<u>0.00</u>
Total	19,634.70
Nondirect Shipments	<u>134,666.78</u>
Grand Total	154,301.48
Total Direct Shipment Activity (curies)	92.82
Total Nondirect Shipment Activity (curies)	<u>101.36</u>
Grand Total (curies)	194.18

VIRGINIA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	151.88	0.25
Government	25,730.20	607.26
Industrial	7,948.93	55.03
Medical	17.24	0.28
Utility	16,649.65	1,739.41
Total	50,497.90	2,402.23

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

VIRGINIA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>50,497.90</u>	<u>2,402.23</u>
Total	50,497.90	2,402.23

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	15,804.98
B	1,202.60
C	<u>324.60</u>
Total	17,332.18
Nondirect Shipments	<u>33,165.72</u>
Grand Total	50,497.90
Total Direct Shipment Activity (curies)	1,985.85
Total Nondirect Shipment Activity (curies)	<u>416.38</u>
Grand Total (curies)	2,402.23

SOUTHEAST COMPACT Comparison By Year

Volumes in Cubic Feet

Activities in Curies

SOUTHWESTERN COMPACT

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

States	Volume (ft ³)	Activity (curies)
Arizona	8,300.16	452.98
California	47,457.68	23,132.46
North Dakota	60.80	6.48
South Dakota	5.40	7.05
Total	55,824.04	23,598.97

VOLUME PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY STATE
(Percentages <.1% are not displayed)

VOLUME PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY CATEGORY
(Percentages <.1% are not displayed)

ARIZONA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	7.26	0.01
Government	386.64	11.61
Industrial	0.67	<1
Medical	1.09	0.22
Utility	7,904.50	441.14
Total	8,300.16	452.98

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

ARIZONA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>8,300.16</u>	<u>452.98</u>
Total	8,300.16	452.98

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	4,252.90
B	130.80
C	<u>249.50</u>
Total	4,633.20
Nondirect Shipments	<u>3,666.96</u>
Grand Total	8,300.16
Total Direct Shipment Activity (curies)	438.97
Total Nondirect Shipment Activity (curies)	<u>14.02</u>
Grand Total (curies)	452.98

CALIFORNIA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	623.86	1.76
Government	30,578.71	2,295.91
Industrial	9,983.51	19,385.78
Medical	859.50	9.99
Utility	5,412.10	1,439.02
Total	47,457.68	23,132.46

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

CALIFORNIA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>47,457.68</u>	<u>23,132.46</u>
Total	47,457.68	23,132.46

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	9,024.54
B	571.60
C	<u>388.04</u>
Total	9,984.18
Nondirect Shipments	<u>37,473.50</u>
Grand Total	47,457.68
Total Direct Shipment Activity (curies)	1,744.62
Total Nondirect Shipment Activity (curies)	<u>21,387.84</u>
Grand Total (curies)	23,132.46

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

NORTH DAKOTA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	57.40	0.12
Government	0.30	6.36
Industrial	3.10	<1
Total	60.80	6.48

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

NORTH DAKOTA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>60.80</u>	<u>6.48</u>
Total	60.80	6.48

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

SOUTH DAKOTA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Generator Category</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Government	<u>5.40</u>	<u>7.05</u>
Total	5.40	7.05

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

SOUTH DAKOTA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>5.40</u>	<u>7.05</u>
Total	5.40	7.05

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

SOUTHWESTERN COMPACT Comparison By Year

Volumes in Cubic Feet

Activities in Curies

UNAFFILIATED
Low-Level Radioactive Wastes Received
at Commercial Disposal Sites in 1994

<u>States</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Army Out U.S.	6,716.30	1,055.60
District of Columbia	561.69	345.23
Maine ^a	2,939.90	16.70
Massachusetts	19,486.17	141,109.85
Michigan	0	0
New Hampshire	0	0
New York	82,583.06	175,843.05
Puerto Rico	0	0
Rhode Island	0	0
Texas ^a	5,879.75	4,461.62
Vermont ^a	2,863.34	157.85
Total	121,030.21	322,989.89

a. Proposed Member States for pending Texas Compact.

ARMY OUT U.S.

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Generator Category</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Government	<u>6,716.30</u>	<u>1,055.60</u>
Total	6,716.30	1,055.60

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

**ARMY OUT U.S.
Low-Level Radioactive Wastes Received
at Commercial Disposal Sites in 1994**

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>6,716.30</u>	<u>1,055.60</u>
Total	6,716.30	1,055.60

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	3,431.60
B	0.00
C	<u>0.00</u>
Total	3,431.60
Nondirect Shipments	<u>3,284.70</u>
Grand Total	6,716.30
Total Direct Shipment Activity (curies)	0.01
Total Nondirect Shipment Activity (curies)	<u>1,055.59</u>
Grand Total	1,055.60

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

DISTRICT OF COLUMBIA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	198.29	0.07
Government	293.90	344.81
Industrial	53.10	0.10
Medical	16.40	0.26
Total	561.69	345.23

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

DISTRICT OF COLUMBIA

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>561.69</u>	<u>345.23</u>
Total	561.69	345.23

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

MAINE **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1994**

<u>Generator Category</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Government	<u>2,939.90</u>	<u>16.70</u>
Total	2,939.90	16.70

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

MAINE **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1994**

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>2,939.90</u>	<u>16.70</u>
Total	2,939.90	16.70

VOLUME PERCENTAGE BY DISPOSAL SITE
 (Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
 (Percentages <.1% are not displayed)

VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE
 (Percentages <.1% are not displayed)

MASSACHUSETTS

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	723.77	3.82
Government	303.96	36.83
Industrial	5,802.74	7,395.74
Medical	197.12	433.47
Utility	12,458.58	133,239.99
Total	19,486.17	141,109.85

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

MASSACHUSETTS **Low-Level Radioactive Wastes Received** **at Commercial Disposal Sites in 1994**

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>19,486.17</u>	<u>141,109.85</u>
Total	19,486.17	141,109.85

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

Direct Shipment
Waste Class

Volume (ft³)

A	6,639.28
B	1,130.80
C	<u>1,700.30</u>
Total	9,470.38
Nondirect Shipments	<u>10,015.79</u>
Grand Total	19,486.17
Total Direct Shipment Activity (curies)	132,524.89
Total Nondirect Shipment Activity (curies)	<u>8,584.96</u>
Grand Total	141,109.85

VOLUME PERCENTAGE BY WASTE CLASS FOR DIRECT SHIPMENTS AND TOTAL NONDIRECT VOLUME PERCENTAGE
(Percentages <.1% are not displayed)

NEW YORK

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	1,767.57	94.75
Government	295.67	1,465.52
Industrial	53,806.67	80.10
Medical	1,406.76	1.97
Utility	25,306.39	174,200.71
Total	82,583.06	175,843.05

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

NEW YORK

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>82,583.06</u>	<u>175,843.05</u>
Total	82,583.06	175,843.05

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	54,749.72
B	1,149.30
C	<u>613.40</u>
Total	56,512.42
Nondirect Shipments	<u>26,070.64</u>
Grand Total	82,583.06
Total Direct Shipment Activity (curies)	173,920.04
Total Nondirect Shipment Activity (curies)	<u>1,923.01</u>
Grand Total	175,843.05

TEXAS

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	502.17	36.65
Government	438.20	2,319.93
Industrial	573.94	431.11
Medical	38.68	1.37
Utility	4,326.76	1,672.56
Total	5,879.75	4,461.62

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

TEXAS

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>5,879.75</u>	<u>4,461.62</u>
Total	5,879.75	4,461.62

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**Direct Shipment
Waste Class**

**Volume
(ft³)**

A	1,099.90
B	1,300.90
C	<u>219.20</u>
Total	2,620.00
Nondirect Shipments	<u>3,259.75</u>
Grand Total	5,879.75
Total Direct Shipment Activity (curies)	1,506.72
Total Nondirect Shipment Activity (curies)	<u>2,954.90</u>
Grand Total	4,461.62

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

VERMONT

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

Generator Category	Volume (ft ³)	Activity (curies)
Academic	59.00	0.01
Government	7.50	0.01
Utility	2,796.84	157.82
Total	2,863.34	157.85

VOLUME PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY SOURCE
(Percentages <.1% are not displayed)

COMPARISON BY YEAR

VERMONT

Low-Level Radioactive Wastes Received at Commercial Disposal Sites in 1994

<u>Disposal Site</u>	<u>Volume (ft³)</u>	<u>Activity (curies)</u>
Barnwell	<u>2,863.34</u>	<u>157.85</u>
Total	2,863.34	157.85

VOLUME PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

ACTIVITY PERCENTAGE BY DISPOSAL SITE
(Percentages <.1% are not displayed)

**VOLUME PERCENTAGE BY WASTE CLASS
FOR DIRECT SHIPMENTS AND TOTAL
NONDIRECT VOLUME PERCENTAGE**
(Percentages <.1% are not displayed)

<u>Direct Shipment Waste Class</u>	<u>Volume (ft³)</u>
A	215.80
B	1,195.60
C	<u>0.00</u>
Total	1,411.40
Nondirect Shipments	<u>1,451.94</u>
Grand Total	2,863.34
Total Direct Shipment Activity (curies)	108.75
Total Nondirect Shipment Activity (curies)	<u>49.10</u>
Grand Total	157.85

UNAFFILIATED STATES **Comparison By Year**

Volumes in Cubic Feet

Activities in Curies

APPENDIX B

**WASTE VOLUME COMPARISON BY STATE,
RADIOACTIVITY COMPARISON BY STATE,
AND COMMERCIAL NUCLEAR POWER REACTORS
IN THE UNITED STATES**

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Table B-1. Waste volume comparison by state, 1990-1994, as reported by disposal site operators.

State	Volume (ft ³)				
	1990	1991	1992	1993	1994
Alabama	14,238	15,010	20,351	13,077	14,194
Alaska	34	70	143	447	44
Arizona	27,751	18,698	19,001	8,153	8,300
Arkansas	6,239	14,830	6,497	2,890	6,258
Army Out U.S.	36	354	445	2,506	6,716
California	55,957	72,160	112,946	19,804	47,458
Colorado	2,309	2,221	33,863	38,659	17,589
Connecticut	34,138	48,814	53,032	14,602	12,737
Delaware	844	775	988	500	375
District of Columbia	539	1,206	1,598	<1	562
Florida	24,587	19,137	23,535	12,527	11,977
Georgia	55,287	35,410	29,344	13,232	19,428
Hawaii	4,739	2,958	2,932	2,361	1,900
Idaho	40	30	51	324	27
Illinois	98,360	101,949	285,023	66,515	61,224
Indiana	1,956	5,724	2,733	967	1,623
Iowa	5,558	12,815	5,448	2,007	3,179
Kansas	3,233	3,675	8,196	2,726	1,981
Kentucky	4,616	2,348	2,195	468	333
Louisiana	11,329	9,961	24,744	7,161	15,632
Maine	7,857	9,457	8,789	0	2,940
Maryland	17,038	19,228	17,854	11,364	8,421
Massachusetts	40,613	34,272	56,734	24,964	19,486
Michigan	36,039	0	0	0	0
Minnesota	26,865	43,521	40,194	5,057	1,932
Mississippi	5,981	9,967	12,623	7,372	7,128
Missouri	19,610	19,055	11,315	3,189	5,897
Montana	195	53	140	0	10
Nebraska	15,559	10,700	12,617	11,768	2,634
Nevada	313	1,815	134	0	280
New Hampshire	206	235	48	0	0
New Jersey	52,879	57,525	38,032	21,077	22,501
New Mexico	1,844	746	3,483	12	402
New York	71,284	99,310	70,272	51,623	82,583
North Carolina	48,098	33,497	61,777	37,028	30,707
North Dakota	33	11	99	4	61
Ohio	24,147	24,336	22,207	6,677	11,668
Oklahoma	21,968	17,608	28,062	195	467
Oregon	59,456	80,269	147,682	99,828	32,179
Pennsylvania	101,604	224,561	93,050	48,624	51,465
Puerto Rico	0	0	0	0	0
Rhode Island	159	361	374	0	0

Table B-1. (continued).

State	Volume (ft ³)				
	1990	1991	1992	1993	1994
South Carolina	46,927	45,540	45,782	35,476	54,544
South Dakota	1,170	9,729	1,712	9	5
Tennessee	83,402	60,458	83,792	84,658	154,301
Texas	9,202	53,087	162,844	9,801	5,880
Utah	5,338	7,839	5,380	6,524	5,849
Vermont	0	17,138	6,090	4,633	2,863
Virginia	57,766	66,527	92,747	72,522	50,498
Washington	26,141	46,715	79,290	38,593	66,259
West Virginia	95	368	192	27	82
Wisconsin	9,217	7,228	6,896	2,225	5,892
Wyoming	15	1	3	0	206
Total	1,142,810	1,369,303	1,743,279	792,177	858,677

Table B-2. Waste radioactivity comparison by state, 1990-1994, as reported by disposal site operators.

State	Radioactivity (ci)				
	1990	1991	1992	1993	1994
Alabama	4,858	37,507	53,669	67,949	9,034
Alaska	225	743	568	<1	5
Arizona	247	908	997	680	453
Arkansas	14	831	32,562	4,860	473
Army Out U.S.	<1	82	4	20	1,056
California	5,538	7,050	15,730	10,914	23,132
Colorado	1,451	8,095	32,978	30,007	4,521
Connecticut	255,038	3,596	29,392	5,378	889
Delaware	<1	1	1	45	69
District of Columbia	5	3	31	<1	345
Florida	6,808	1,140	996	13,052	3,280
Georgia	29,054	6,828	40,312	218,851	167,310
Hawaii	1	6	3	3	50
Idaho	<1	42	2	2	94
Illinois	8,253	9,713	103,273	37,718	32,136
Indiana	44	370	27	7	129
Iowa	37,808	529	42,085	51,342	1,633
Kansas	67	1,356	1,319	1,440	2,297
Kentucky	61	631	26	510	285
Louisiana	994	820	4,683	255	1,878
Maine	193	376	8,110	0	17
Maryland	4,725	9,347	8,421	5,019	1,440
Massachusetts	86,641	51,068	76,588	18,012	141,110
Michigan	21,373	0	0	0	0
Minnesota	1,183	4,031	59,979	1,450	1,739
Mississippi	1,369	2,703	2,669	493	660
Missouri	920	3,047	1,128	444	1,200
Montana	<1	2	7	0	<1
Nebraska	378	657	101,284	1,063	992
Nevada	1	5	18	0	4
New Hampshire	<1	<1	1	0	0
New Jersey	3,718	45,707	47,959	8,587	5,727
New Mexico	1	2	56	<1	6
New York	12,702	103,358	90,377	41,643	175,843
North Carolina	3,051	6,789	57,505	2,502	68,213
North Dakota	<1	55	67	18	6
Ohio	4,316	3,840	3,440	2,370	583
Oklahoma	3	18	60	623	64
Oregon	593	49	742	331	48
Pennsylvania	47,306	354,340	141,248	84,347	93,730
Puerto Rico	0	0	0	0	0
Rhode Island	<1	<1	<1	0	0

Table B-2. (continued).

State	Radioactivity (ci)				
	1990	1991	1992	1993	1994
South Carolina	2,208	1,399	3,088	20,943	1,476
South Dakota	<1	603	<1	<1	7
Tennessee	1,210	2,071	1,595	243	194
Texas	1,650	4,155	4,057	6,605	4,462
Utah	1	62	108	<1	80
Vermont	0	119,642	20,513	740	158
Virginia	1,924	3,664	1,154	3,305	2,402
Washington	1,398	1,544	10,663	1,078	1,264
West Virginia	<1	15	31	6	<1
Wisconsin	570	1,012	571	345	879
Wyoming	2	3	5	0	6
Total	547,902	799,815	1,000,102	643,207	751,379

Table B-3. Commercial nuclear power reactors in the United States, as of December 31, 1994.^a

State Name	Facility Name	Units	Type
Alabama	• Browns Ferry Nuclear Power Station	1,2&3	BWR ^b
	• Joseph M. Farley Nuclear Plant	1&2	PWR ^c
Arizona	• Palo Verde Nuclear Generating Station	1,2&3	PWR
Arkansas	• Arkansas Nuclear One	1&2	PWR
California	• Diablo Canyon Nuclear Power Plant	1&2	PWR
	• Humboldt Bay Power Plant (closed 1976)	3	BWR
	• Rancho Seco Nuclear Generating Station (closed 1989)	1	PWR
	• San Onofre Nuclear Generating Station (Unit 1 closed 1992)	1,2&3	PWR
Colorado	• Ft. St. Vrain Nuclear Generating Station (closed 1989)	1	HTGR ^d
Connecticut	• Haddam Neck Plant	1	PWR
	• Millstone Nuclear Power Station	1	BWR
	• Millstone Nuclear Power Station	2&3	PWR
Florida	• Crystal River Nuclear Plant	3	PWR
	• St. Lucie Plant	1&2	PWR
	• Turkey Point Plant	3&4	PWR
Georgia	• Edwin I. Hatch Nuclear Plant	1&2	BWR
	• Alvin W. Vogtle Jr. Nuclear Plant	1&2	PWR
Illinois	• Byron Nuclear Power Station	1&2	PWR
	• Clinton Power Station	1	BWR
	• Dresden Nuclear Power Station (Unit 1 closed 1978)	2&3	BWR
	• LaSalle County Station	1&2	BWR
	• Quad Cities Station	1&2	BWR
	• Zion Nuclear Plant	1&2	PWR
	• Braidwood Station	1&2	PWR
Iowa	• Duane Arnold Energy Center	1	BWR
Kansas	• Wolf Creek Generating Station	1	PWR
Louisiana	• River Bend Station	1	BWR
	• Waterford Generating Station	3	PWR

Table B-3. (continued).

State Name	Facility Name	Units	Type
Maine	• Maine Yankee Atomic Power Plant	1	PWR
Maryland	• Calvert Cliffs Nuclear Power Plant	1&2	PWR
Massachusetts	• Pilgrim Nuclear Power Station	1	BWR
	• Yankee Nuclear Power Station (closed 1991)	1	PWR
Michigan	• Big Rock Point Nuclear Plant	1	BWR
	• Donald C. Cook Nuclear Power Plant	1&2	PWR
	• Fermi Atomic Power Plant	2	BWR
	• Palisades Nuclear Plant	1	PWR
Minnesota	• Monticello Nuclear Generating Plant	1	BWR
	• Prairie Island Nuclear Generating Plant	1&2	PWR
Mississippi	• Grand Gulf Nuclear Station	1	BWR
Missouri	• Callaway Plant	1	PWR
Nebraska	• Cooper Nuclear Station	1	BWR
	• Fort Calhoun Station	1	PWR
New Hampshire	• Seabrook Nuclear Station	1	PWR
New Jersey	• Hope Creek Nuclear Generating Station	1	BWR
	• Oyster Creek Nuclear Power Plant	1	BWR
	• Salem Nuclear Generating Station	1&2	PWR
New York	• James A. FitzPatrick Nuclear Power Plant	1	BWR
	• Robert Emmett Ginna Nuclear Power Plant	1	PWR
	• Indian Point Station (Unit 1 closed 1974)	2, & 3	PWR
	• Nine Mile Point Nuclear Station	1&2	BWR
	• Shoreham Nuclear Power Station (closed 1989)	1	BWR
North Carolina	• Brunswick Steam Electric Plant	1&2	BWR
	• McGuire Nuclear Station	1&2	PWR
	• Shearon Harris Nuclear Power Plant	1	PWR
Ohio	• Davis-Besse Nuclear Power Station	1	PWR
	• Perry Nuclear Power Plant	1	BWR
Oregon	• Trojan Nuclear Plant (closed 1992)	1	PWR

Table B-3. (continued).

State Name	Facility Name	Units	Type
Pennsylvania	• Beaver Valley Power Station	1&2	PWR
	• Limerick Generating Station	1&2	BWR
	• Peach Bottom Atomic Power Station	2&3	BWR
	• Susquehanna Steam Electric Station	1&2	BWR
	• Three Mile Island Nuclear Station	1	PWR
South Carolina	• Catawba Nuclear Station	1&2	PWR
	• Oconee Nuclear Plant	1,2,&3	PWR
	• H. B. Robinson Plant	2	PWR
	• Virgil C. Summer Nuclear Station	1	PWR
Tennessee	• Sequoyah Nuclear Plant	1&2	PWR
Texas	• South Texas Project	1&2	PWR
	• Comanche Peak	1&2	PWR
Vermont	• Vermont Yankee Nuclear Power Station	1	BWR
Virginia	• North Anna Power Station	1&2	PWR
	• Surry Power Station	1&2	PWR
Washington	• Washington Nuclear Project	2	BWR
Wisconsin	• Kewaunee Nuclear Power Plant	1	PWR
	• La Crosse Nuclear Generating Station (closed 1987)	1	BWR
	• Point Beach Nuclear Plant	1&2	PWR

a. "World List of Nuclear Power Plants," Nuclear News, March, 1995/Vol. 38/No.3.

b. BWR = Boiling-Water Reactor.

c. PWR = Pressurized-Water Reactor.

d. HTGR = High Temperature Gas Reactor.

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APPENDIX C

**STATE RADIATION PROGRAM
REPRESENTATIVES**

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Table C-1. State radiation program representatives.

<u>State</u>	<u>Draft Report Sent to:</u>
Alabama	K. E. Whatley
Alaska	C. F. Tedford
Arizona	A. V. Godwin
Arkansas	G. J. Dicus
California	E. D. Bailey
Colorado	R. M. Quillin
Connecticut	K. T. A. McCarthy
Delaware	A. C. Tapert
District of Columbia	J. Murphy
Florida	L. Jerrett
Georgia	T. E. Hill
Hawaii	R. S. Takata
Idaho	M. Mays
Illinois	P. Eastvold
Indiana	D. Nauth
Iowa	D. A. Flater
Kansas	G. W. Allen
Kentucky	J. A. Volpe
Louisiana	W. Spell
Maine	W. C. Toppan
Maryland	R. G. Fletcher
Massachusetts	R. Hallisey
Michigan	G. W. Bruchmann
Minnesota	J. Ball
Mississippi	E. S. Fuente
Missouri	G. McNutt
Montana	A. C. Howe
Nebraska	H. R. Borchert
Nevada	S. R. Marshall
New Hampshire	D. E. Tefft
New Jersey	J. Lipoti
New Mexico	B. Garcia
New York	P. J. Merges
North Carolina	D. H. Brown
North Dakota	D. K. Mount
Ohio	R. E. Owen
Oklahoma	D. McHard

Table C-1. (continued).

<u>State</u>	<u>Draft Report Sent to</u>
Oregon	R. D. Paris
Pennsylvania	W. P. Dornsife
Puerto Rico	D. Saldana
Rhode Island	M. Stoeckel
South Carolina	M. Batavia
South Dakota	D. Micklos
Tennessee	M. H. Mobley
Texas	R. Ratliff
Utah	W. Sinclair
Vermont	R. N. McCandless
Virginia	L. P. Foldesi
Washington	T. R. Strong
West Virginia	B. L. DeBord
Wisconsin	P. Schmidt
Wyoming	R. Fransen