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ENVIRONMENTAL RESTORATION PROGRAM

Nuclear Facility Decommissioning and Site Remedial Actions: A Selected Bibliography, Vol. 18

Part 2. Indexes

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U.S. DEPARTMENT OF ENERGY

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PREFACE

This report, *Nuclear Facility Decommissioning and Site Remedial Actions: A Selected Bibliography, Vol. 18* (ES/ER/TM-227), was prepared for the U.S. Department of Energy, Office of Environmental Restoration. This work was performed under Activity Data Sheet OR HQ 447. Publication of this document meets a Headquarter-controlled milestone of September 30, 1997.

This document is intended to serve a variety of information needs for individuals with an interest or involvement in environmental restoration activities, nuclear facility decontamination and decommissioning, uranium mill tailings management, and site remedial actions.

In addition to the main bibliographic text with abstracts, indexes of authors, author affiliations, selected title phrases, selected title words, publication descriptions, geographic locations, and keywords are provided.

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ABBREVIATIONS

AEC	U.S. Atomic Energy Commission
ALARA	as low as reasonably achievable
BRC	below regulatory concern
BWR	boiling water reactor
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
D&D	decontamination and decommissioning
DNAPL	dense nonaqueous phase liquid
DOD	U.S. Department of Defense
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
ER	environmental restoration
FS	feasibility study
FUSRAP	Formerly Utilized Sites Remedial Action Program
FY	fiscal year
GAO	U.S. General Accounting Office
HEPA	high-efficiency particulate air
IAEA	International Atomic Energy Agency
LWR	light-water reactor
NAPL	nonaqueous phase liquid
NEPA	National Environmental Policy Act
NORM	naturally occurring radioactive materials
NPL	National Priorities List
NPP	nuclear power plant
NRC	U.S. Nuclear Regulatory Commission
OTD	U.S. Office of Technology Development
OU	operable unit
PCB	polychlorinated biphenyl
PWR	pressurized-water reactor
QA	quality assurance
R&D	research and development
RAPIC	Remedial Action Program Information Center
RCRA	Resource Conservation and Recovery Act
RDDT&E	research, development, demonstration, testing, and evaluation
RI	remedial investigation
RI/FS	remedial investigation/feasibility study
ROD	Record of Decision
SARA	Superfund Amendments and Reauthorization Act of 1986
SITE	Superfund Innovative Technology Evaluation
TRU	transuranic
TSCA	Toxic Substances Control Act
UMTRA	Uranium Mill Tailings Remedial Action
UMTRCA	Uranium Mill Tailings Radiation Control Act
VOC	volatile organic compound
WAG	waste area grouping

ABSTRACT

This bibliography contains 3638 citations with abstracts of documents relevant to environmental restoration, nuclear facility decontamination and decommissioning (D&D), uranium mill tailings management, and site remedial actions. This report is the eighteenth in a series of bibliographies prepared annually for the U.S. Department of Energy (DOE) Office of Environmental Restoration. Citations to foreign and domestic literature of all types—technical reports, progress reports, journal articles, symposia proceedings, theses, books, patents, legislation, and research project descriptions—have been included in Part 1 of the report. The bibliography contains scientific, technical, financial, and regulatory information that pertains to DOE environmental restoration programs. The citations are separated by topic into 16 sections, including (1) DOE Environmental Restoration Program; (2) DOE D&D Program; (3) Nuclear Facilities Decommissioning; (4) DOE Formerly Utilized Sites Remedial Action Program; (5) NORM-Contaminated Site Restoration; (6) DOE Uranium Mill Tailings Remedial Action Project; (7) Uranium Mill Tailings Management; (8) DOE Site-Wide Remedial Actions; (9) DOE Onsite Remedial Action Projects; (10) Contaminated Site Remedial Actions; (11) DOE Underground Storage Tank Remediation; (12) DOE Technology Development, Demonstration, and Evaluation; (13) Soil Remediation; (14) Groundwater Remediation; (15) Environmental Measurements, Analysis, and Decision-Making; and (16) Environmental Management Issues. Within the 16 sections, the citations are sorted by geographic location. If a geographic location is not specified, the citations are sorted according to the document title. In Part 2 of the report, indexes are provided for author, author affiliation, selected title phrase, selected title word, publication description, geographic location, and keyword.

This bibliography is published annually by the Remedial Action Program Information Center (RAPIC), which selects, analyzes, and disseminates information on environmental restoration, D&D, and site remedial actions. RAPIC staff and resources are available to meet a variety of information needs. Contact the center at (423) 576-6500 or by e-mail at rapic@ornl.gov. For updates to this publication, please access RAPIC 's site on the web at http://www.em.doe.gov/rapic.

INTRODUCTION

This bibliography is published by the Remedial Action Program Information Center (RAPIC). RAPIC is funded by the U.S. Department of Energy (DOE) Office of Environmental Restoration, Program Integration Division, to provide technical information support to DOE Environmental Restoration Program activities.

RAPIC serves as a central clearinghouse for information, derived from both foreign and domestic publications, that concerns the scientific, technical, regulatory, and socioeconomic aspects of environmental restoration at contaminated facilities and sites. Environmental restoration encompasses activities such as the following:

- performing characterization surveys of contaminated facilities or sites,
- conducting ongoing security and surveillance programs,
- performing preventive maintenance actions to ensure the containment of contamination until permanent facility disposition,
- assessing the environmental and engineering aspects of proposed remediation alternatives,
- drafting detailed project plans and procedures for remediation,
- performing decommissioning and remedial actions to make facilities or sites available for restricted or unrestricted use,
- developing technologies, and
- complying with applicable laws and regulations.

The 3638 citations with abstracts in this report constitute the 18th annual publication with the same title and topic coverage. The contents of all 18 volumes of this bibliography are stored in an on-line database that undergoes frequent updating. The bibliography is intended for use as a "first-line" reference tool. RAPIC can perform on-line searches of the entire database to identify recent additions to the database or to conduct a comprehensive search.

TOPIC COVERAGE

The major topics covered by this bibliography are presented in 16 sections: (1) DOE Environmental Restoration Program; (2) DOE Decontamination and Decommissioning (D&D) Program; (3) Nuclear Facilities Decommissioning; (4) DOE Formerly Utilized Sites Remedial Action Program (FUSRAP); (5) NORM-Contaminated Site Restoration; (6) DOE Uranium Mill Tailings Remedial Action (UMTRA) Project; (7) Uranium Mill Tailings Management; (8) DOE Site-Wide Remedial Actions; (9) DOE Onsite Remedial Action Projects; (10) Contaminated Site Remedial Actions; (11) DOE Underground Storage Tank Remediation; (12) DOE Technology Development, Demonstration, and Evaluation; (13) Soil Remediation; (14) Groundwater Remediation; (15) Environmental Measurements, Analysis, and Decision-Making; and

(16) Environmental Management Issues. The topic coverage of each section is explained in the following pages.

The first section, **DOE Environmental Restoration Program,** cites programmatic planning and management documents prepared by or for the DOE Office of Environmental Restoration. Documents that affect or relate to DOE's environmental restoration effort as a whole are included here.

The **DOE Decontamination and Decommissioning (D&D) Program** section includes citations pertaining to the D&D of buildings and structures located primarily on federal reservations.

The section on **Nuclear Facilities Decommissioning** presents citations relating to D&D at non-DOE nuclear facilities, including those outside the United States.

The **DOE Formerly Utilized Sites Remedial Action Program (FUSRAP)** section cites documents generated by or related to the DOE FUSRAP program. FUSRAP sites were used by the Manhattan Engineer District or by the Atomic Energy Commission from the 1940s through the 1960s for the processing, handling, storage, or shipment of radioactive materials.

The section on **NORM-Contaminated Site Restoration** contains citations of documents about remediation efforts at non-DOE sites contaminated with naturally occurring radioactive materials (NORM).

The **DOE Uranium Mill Tailings Remedial Action (UMTRA) Project** section cites information pertinent to UMTRA project management or to the 24 UMTRA sites, located primarily in the western United States. These sites are inactive uranium mill sites that were operated under government contract.

The section on **Uranium Mill Tailings Management** includes citations to foreign and domestic mill tailings documents and basic and applied mill tailings research reports that are not part of UMTRA.

The section on **DOE Site-Wide Remedial Actions** is composed of citations on remediation issues that affect an individual DOE facility or the entire DOE reservation.

The section on **DOE Onsite Remedial Action Projects** contains citations to documents about cleanup activities at operable units, waste area groupings, or other specific sites within a DOE facility or environmental contamination originating from a DOE facility.

The section on **Contaminated Site Remedial Actions** presents citations relating to remedial actions on environmental areas that are not a part of DOE's Environmental Restoration Program. These sites may include other governmental agencies, private sector, or countries other than the United States.

The **DOE Underground Storage Tank Remediation** section contains citations to documents relevant to the characterization and remediation of the underground storage tanks and tank contents awaiting final disposition at DOE sites.

The section on **DOE Technology Development, Demonstration, and Evaluation** cites documents originating from or directly relating to DOE Office of Technology Development

programs for research and development, demonstration, testing, and evaluation of new technologies for environmental restoration and waste management.

The **Soil Remediation** section consists of citations to studies relating to characterizing, monitoring, and remediating soil contaminated with radioactive or hazardous materials.

The **Groundwater Remediation** section consists of citations to studies relating to characterizing, monitoring, and remediating groundwater contaminated with radioactive or hazardous materials.

The section titled **Environmental Measurements, Analysis, and Decision-Making** includes citations to documents on instrumentation for measuring radioactive or hazardous materials; sampling protocols; methods for data collection, validation, and analysis; quality assurance; risk assessment; and models for evaluating environmental restoration projects.

The final section, **Environmental Management Issues**, contains citations to requirements or regulatory drivers affecting DOE's remediation activities. Also included is information relevant to the conduct of program activities.

INDEXES

The indexes found in Part 2 of this report are color-coded to assist the user in identifying documents of interest. The numbers that appear after each listing in the indexes are the sequential numbers of the individual citations in Part 1A, Sections 1 through 9, and Part 1B, Section 10 through 16. The indexes appear as follows:

- *Pink pages*—the **Author Index** lists all authors for each citation
- *Blue pages*—the **Author Affiliation Index** is an alphabetical listing of the institutions with which the authors are affiliated
- *Salmon pages*—the **Selected Title Phrase Index** is an index of selected significant phrases in document titles
- *Yellow pages*—the **Selected Title Word Index** provides an index of selected significant words in document titles
- *Green pages*—the **Publication Description Index** alphabetically lists all journal citations, conference descriptions, report numbers, or other unique document descriptions that identify the publication. The title of the document is listed below each entry in the publication description index
- *Gold pages*—the **Geographic Location Index** provides an alphabetical listing of the geographic descriptions of sites referenced in the bibliography; these are divided into domestic sites and foreign sites
- *Buff pages*—the **Keyword Index** is an index of descriptors selected from a controlled thesaurus to characterize specific concepts in each record.

CITATION FORM

Each citation in this volume of the bibliography is numbered sequentially. Within each section, the citations are grouped by geographic location. For example, in the section on DOE Site-Wide Remedial Actions, all citations concerning the Hanford Site are grouped together. Within these geographic groupings, the citations are listed alphabetically by the document title. Citations that do not refer to a specific geographic location appear at the end of each section and are sorted by the title.

Under the citation number, the document title appears in **bold** print. Author(s) of the document, are listed next, followed by the corporate affiliation(s) of the author(s). Finally, publication description, publication date, and the abstract are listed. A sample citation with abstract is shown below.

SAMPLE CITATION WITH ABSTRACT

This is an example of the format for the descriptive fields used in this bibliography:

1 — Page Number
2 — Section Heading
3 — Citation Number (sequential number in this volume)
4 — Volume number and database record number
5 — Document Title
6 — Author(s)
7 — Corporate Affiliation(s)
8 — Publication Description
9 — Publication Date
10 — Abstract

[1]*131* [2] *DOE Onsite Remedial Action Projects*

[3]*191* [4] V18/020665

[5] **Summary of Hydrogeologic Controls on Groundwater Flow at the Nevada Test Site, Nye County, Nevada**

[6]Laczniak, F.J.; Cole, J.C.; Sawyer, D.A.; Trudeau, D.A.

[7]U.S. Geological Survey, Carson City, NV

[8]DOE/NV/11040-T1; 128 pp. [9](1996)

[10]The underground testing of nuclear devices has generated substantial volumes of radioactive and other chemical contaminants below ground at the Nevada Test Site (NTS). Many of the more radioactive contaminants are highly toxic and are known to persist in the environment for thousands of years. In response to concerns about potential health hazards, the U.S. Department of Energy, under its Environmental Restoration Program, has made NTS the subject of a long-term investigation. Efforts will assess whether byproducts of underground testing pose a potential hazard to the health and safety of the public and, if necessary, will evaluate and implement steps to remediate any of the identified dangers. Unique to the hydrology of NTS are the effects of the underground testing, which severely alter local rock characteristics and affect hydrologic conditions throughout the region. This report summarizes what is known and inferred about groundwater flow throughout the NTS region. The report identifies and updates what is known about some of the major controls on groundwater flow, highlights some of the uncertainties in the current understanding, and prioritizes some of the technical needs as related to the Environmental Restoration Program.

SCIENTIFIC NOTATIONS AND ABBREVIATIONS

Below is an explanation of scientific notations and abbreviations used in the text of this bibliography:

1. X sub t means X_t or X subscript t.
2. For chemical compounds and elements, NaIO3 means $NaIO_3$.
3. 10(E+3) or X(E-3) (E denoting exponent) means 10^3 or X^{-3}, respectively.
4. Cubic or square dimensions of measurements are shown as 6 cu cm (for 6 cubic centimeters) or 3 sq km (for 3 square kilometeres).
5. The following prefixes have been used to indicate multiples or subdivisions of units of measurement:

a	atto	(10^{-18})	da	deca	(10^{1})
f	femto	(10^{-15})	h	hecto	(10^{2})
p	pico	(10^{-12})	k	kilo	(10^{3})
n	nano	(10^{-9})	M	mega	(10^{6})
u	micro	(10^{-6})	G	giga	(10^{9})
m	milli	(10^{-3})	T	tera	(10^{12})
c	centi	(10^{-2})	P	peta	(10^{15})
d	deci	(10^{-1})	E	exa	(10^{18})

6. The following abbreviations have been used for unit measurements:

a	acre	l	liter
A	ampere	lb	pound
Bq	becquerel (activity of source)	m	meter
C	Celsius	MeV	megaelectronvolt
cd	current density	min	minute
Ci	curie	mol	mole (amount)
cpm	counts per minute	N	newton
cps	counts per second	oz	ounce
deg	degree	Pa	Pascal
dpm	disintegrations per minute	ppb	parts per billion
dps	disintegrations per second	ppm	parts per million
F	Fahrenheit	R	roentgen (gamma exposure)
ft	feet	rad	radiation absorbed dose
g	gram	rem	roentgen-equivalent-man
gal	gallon	s	second
Gy	gray (absorbed radiation dose)	Sv	sievert (dose equivalent)
ha	hectare	t	tonne (mass)
hr	hour	V	volt
Hz	hertz	W	watt
in.	inch	W(e)	watt (electrical)
J	joule	W(t)	watt (thermal)
K	Kelvin	yd	yard
keV	kiloelectron volt	yr	year

SERVICES

Copies of most documents cited in this bibliography can be obtained through either the National Technical Information Service, 5285 Port Royal Road, Springfield, Virginia 22161, or the Office of Scientific and Technical Information, U.S. Department of Energy, P.O. Box 62, Oak Ridge, Tennessee 37831-0062.

RAPIC offers information support to researchers involved in many fields of environmental restoration. Services that are free of charge to DOE Environmental Restoration staff and their subcontractors include providing information from RAPIC resources, searching computerized databases, and assisting in locating and obtaining copies of documents cited in the RAPIC bibliographies. All inquiries about these and other RAPIC services should be addressed to:

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AS ALARA Limited, Tallinn, Estonia 609, 610

Asbestos Conversion System, Inc., Issaquah, WA 379

Asbestos Recycling, Inc., Kent, WA 379

ASRC Contracting Company, Inc., Sacramento, CA 1720, 1722

Associacao Brasileira de Direito Nuclear, Rio de Janeiro, Brazil 664, 1830

Atlantic Environmental Services, Inc., Colchester, CT 1778

Atlantic Richfield Company, Los Angeles, CA 3116

Atomaudit Limited, Kiev, Ukraine 560

Atomic Energy Agency of the Republic of Kazakhstan, Kazakhstan 1975

Atomic Energy Commission, Tokyo, Japan 637

Atomic Energy Control Board, Ottawa, Ontario, Canada 1100, 1148, 1867

Atomic Energy of Canada Limited, CANDU Operations, Montreal, Quebec, Canada 957

Atomic Energy of Canada Limited, CANDU Operations, Sheridan Park, Ontario, Canada 825, 1148

Atomic Energy of Canada Limited, Chalk River Laboratories, Chalk River, Ontario, Canada 406, 767, 898, 2869, 3265

Atomic Energy of Canada Limited, Low-Level Radioactive Waste Management Office, Gloucester, Ontario, Canada 1015, 1026

Atomic Energy of Canada Limited, Port Hope, Ontario, Canada 2574

Atomic Energy Research Institute, Budapest, Hungary 709

Atomic Energy Society of Japan, Tokyo, Japan 572

Atomova Elektraren Bohunice, Jaslovske Bohunice, Slovakia 685

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Auburn University, Montgomery, AL 1001, 2534, 2567

Australia Environmental Protection Agency, Canberra, Australia 1105

Austrian Radiation Protection Association, Seibersdorf, Austria 1137, 2701, 2746

Austrian Research Centre, Seibersdorf, Austria 3215

Automated Sciences Group, Inc., Oak Ridge, TN 1562

Auxier and Associates, Inc., Knoxville, TN 387

Auxier and Associates, Inc., Parker, CO 3538

Ayres Associates, Inc., Eau Claire, WI 3180

B&W Hanford Company, Richland, WA 345

B&W Nuclear Environmental Services, Inc., Lynchburg, VA 150, 164, 514, 515, 527, 528, 609, 610, 2247, 2248

B&W/OHM Weldon Spring, Inc., St. Charles, MO 150

B. Koh Associates, Inc., Owings Mills, MD 3454

B.E. Campbell Associates, Columbus, OH 801

Babcock and Wilcox Company, Alliance, OH 273, 279, 281, 432

Babcock Rohrleitungsbau GmbH, Oberhausen, Germany 714

Baker Environmental, Inc., Corapolis, PA 3061

Bakst Environmental, Chapel Hill, NC 1776

Barge, Waggoner, Sumner and Cannon, Inc., Oak Ridge, TN 1563, 1564

Barrier Member Containment Corporation, Belle Chasse, LA 3149

Bass, Berry and Sims, Environmental Law Department, Nashville, TN 1810, 1811

Battelle Ingenieurtechnik GmbH, Eschborn, Germany 686, 729

Battelle Memorial Institute, Chemical/Biological Defense Department, Columbus, OH 154

Battelle Memorial Institute, Columbus, OH 270, 358, 1914, 1982, 2285, 2522, 2550, 3152

Battelle Memorial Institute, Oak Ridge Operations, Oak Ridge, TN 187, 356, 2285

Battelle Memorial Institute, Richland, WA 377, 2299, 3182

Battelle Pantex, Amarillo, TX 1370

Battelle Seattle Research Center, Seattle, WA 2301, 2369

Bay Geophysical Associates, Inc., Traverse City, MI 1505

Bayer AG, WV Umweltschutz, Leverkusen, Germany 2552

Bayerisches Staatsministerium fuer Landesentwicklung und Umweltfragen, Munich, Germany 605

BCM, Inc., Los Alamos, NM 2331

BDM Federal, Inc., Gaithersburg, MD 56, 69, 2254, 2908, 3620

BDM Federal, Inc., Richland, WA 3531

BDM International, Inc., Germantown, MD 3637

Beak Consultants Limited, Brampton, Ontario, Canada 3365

Beak Consultants Limited, Guelph, Ontario, Canada 3038

Beazer East, Inc., Pittsburgh, PA 3048

Bechtel Corporation, Berkeley, CA 3339

Bechtel Corporation, San Francisco, CA 3051, 3096

Bechtel Environmental, Inc., Oak Ridge, TN 228, 390, 1277

Bechtel Hanford, Inc., Richland, WA 31, 234, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 251, 252, 253, 254, 258, 379, 406, 1320, 1330, 1332, 1333, 1335, 1337, 1348, 1349, 1350, 1357, 1359, 1362, 1367, 1368, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1647, 1648, 1649, 1650, 1651, 1653, 1654, 1656, 1657, 1658, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1670, 1671, 1672, 1673, 1674, 1676, 1678, 1679, 1680, 1681, 1683, 1685, 1686, 1687, 1688, 1690, 1692, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1709, 1710, 2707, 2783, 2971, 2972, 2973

Bechtel National, Inc., Formerly Utilized Sites Remedial Action Program, Oak Ridge, TN 1006

Bechtel National, Inc., Oak Ridge, TN 334, 415, 680, 984, 985, 994, 995, 997, 998, 1003, 1007, 1008, 1545, 1546, 1747, 2081, 2215

Bechtel National, Inc., San Diego, CA 2433

Bechtel National, Inc., San Francisco, CA 49

Bechtel Nevada Corporation, Las Vegas, NV 1196, 1201, 1203, 1422, 1423, 1429, 1450, 2057, 3616

Bechtel Nevada Corporation, Remote Sensing Laboratory, Las Vegas, NV 1224, 1466

Bechtel Savannah River, Inc., Aiken, SC 2965, 3287

Beijing Institute of Nuclear Engineering, Beijing, China 554

Belarusian State Economic University, Minsk, Belarus 2368

Belgatom, Brussels, Belgium 552, 691

Belgoprocess, Dessel, Belgium 722, 741

Bell Lumber and Pole Company, New Brighton, MN 3019

Ben Gurion University, Department of Nuclear Engineering, Beer Sheva, Israel 774

Benchmark Environmental Corporation, White Rock, NM 364

Benthos Inc., North Falmouth, MA 1893

Bhabha Atomic Research Centre, Indira Gandhi Centre for Atomic Research Campus, Water and Steam Chemistry Laboratory, Kalpakkam, India 784, 822

Bhabha Atomic Research Centre, Nuclear Waste Management Group, Bombay, India 673

Bhabha Atomic Research Centre, Project KARP, Kalpakkam, India 689

Biogenie, Inc., Sainte-Foy, Quebec, Canada 2009, 2503

Biologisch Analytisches Umweltlabor, IDUS GmbH, Ottendorf-Okrilla, Germany 1785

Biophilia, Inc., Calgary, Alberta, Canada 1863

Biorem Technologies, Inc., Waterloo, Ontario, Canada 2732

Bioremediation Consulting, Inc., Newton, MA 2664

BioTech International, Inc., Sugarland, TX 3205

Birmingham University, School of Biological Sciences, Birmingham, United Kingdom 3316

Black and Veach Waste Science and Technology Corporation, Kansas City, MO 1878

Black and Veatch Special Projects Corporation, Tacoma, WA 3400

Black and Veatch Waste Science, Inc., Concord, CA 3091

Black and Veatch Waste Science, Inc., Kansas City, MO 2688

Black and Veatch Waste Science, Inc., Philadelphia, PA 1761

Blackhawk Geosciences, Inc., Golden, CO 1256, 1493

Blasland, Bouck & Lee, Inc., Cranbury, NJ 3592

Blasland, Bouck & Lee, Inc., Syracuse, NY 1019

Blue Planet Technologies, Inc., Channelview, TX 2318

Blue Planet Technologies, Inc., Madison Heights, MI 2543, 2890

BNFL Instruments Limited, Calderbridge, Cumbria, United Kingdom 778

BNFL Instruments Limited, Seascale, Cumbria, United Kingdom 383

BNFL Instruments Limited, Sellafield, Cumbria, United Kingdom 868, 967

BNFL, Inc., Aiken, SC 674

BNFL, Inc., Englewood, CO 101

BNFL, Inc., Fairfax, VA 540, 2731

BNFL, Inc., Golden, CO 100, 105, 109

BNFL, Inc., Oak Ridge, TN 690

BOC Gases, Guildford, United Kingdom 723

Boeing North American, Inc., Rocketdyne Division, Canoga Park, CA 755

Bonneville Power Administration, Portland, OR 1377

Booz-Allen & Hamilton, Inc., Bethesda, MD 395, 1968

Booz-Allen & Hamilton, Inc., Germantown, MD 42, 57, 74, 291, 292, 293, 297, 344, 2291, 3587

BP Oil Company, Cleveland, OH 2877, 3003

Bradtec Limited, Bristol, United Kingdom 678, 679

Bradtec-US, Inc., Atlanta, GA 3162

Brainard Associates, Inc., Solon, OH 370

Brazilian Nuclear Industries, Rio de Janeiro, Brazil 658

Brazilian Nuclear Industries, Sao Paulo, Brazil 658

Brenk Systemplanung, Aachen, Germany 896

British Nuclear Energy Society, London, United Kingdom 395, 436, 463, 562, 563, 571, 575, 587, 594, 604, 611, 614, 618, 620, 625, 637, 645, 648, 650, 653, 661, 675, 685, 691, 713, 717, 728, 769, 770, 813, 814, 826, 839, 842, 847, 869, 891, 905, 907, 934, 937, 960

British Nuclear Fuels plc, Capenhurst, United Kingdom 675, 839

British Nuclear Fuels plc, Environmental Services, Risley, United Kingdom 3552

British Nuclear Fuels plc, Manchester, United Kingdom 538, 540, 668, 676

British Nuclear Fuels plc, Preston, United Kingdom 557, 2287, 2709

British Nuclear Fuels plc, Risley, United Kingdom 653, 661

British Nuclear Fuels plc, Seascale, Cumbria, United Kingdom 2731

British Nuclear Fuels plc, Sellafield, Cumbria, United Kingdom 384, 399, 539, 575, 595, 612, 645, 646, 647, 653, 853, 865, 890, 2180

British Nuclear Fuels plc, Springfield Works, Preston, United Kingdom 276

British Nuclear Fuels plc, Springfields, Preston, United Kingdom 2930

British Nuclear Fuels plc, Warrington, Cheshire, United Kingdom 744, 2709

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Brookhaven National Laboratory, Human Factors and Performance Analysis Group, Upton, NY 381

Brookhaven National Laboratory, Office of Environmental Restoration, Upton, NY 1472

Brookhaven National Laboratory, Tracer Technology Center, Environmental Chemistry Division, Upton, NY 2693

Brookhaven National Laboratory, Upton, NY 159, 494, 496, 771, 1233, 1234, 1235, 1473, 2314, 2404, 2415, 2563, 2888, 3049, 3362, 3420

Brown and Caldwell, Irvine, CA 3156

Brown and Caldwell, Pleasant Hill, CA 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819

Brown and Caldwell, San Diego,CA 1762

Brown and Caldwell, Tampa, FL 3116

Brown and Root Environmental, Aiken, SC 1269

Brown and Root Environmental, Albuquerque, NM 2929

Brown and Root Environmental, Gaithersburg, MD 48

Brown and Root Environmental, Houston, TX 2961

Brown and Root Environmental, Pittsburgh, PA 3337

Brown McCarroll & Oaks Hartline, L.L.P., Austin, Texas 3457

Budapest, Hungary 1963

Bundesamt fuer Strahlenschutz, Berlin, Germany 1129

Bundesamt fuer Strahlenschutz, Institut fuer Strahlenhygiene, Oberschleissheim, Germany 1786

Bundesamt fuer Strahlenschutz, Salzgitter, Germany 717, 1786

Bundesministerium fuer Bildung, Wissenschaft, Forschung und Technologie, Bonn, Germany 537, 542, 546, 565, 570, 573, 583, 598, 624, 626, 659, 686, 703, 708,

742, 743, 753, 781, 798, 815, 816, 860, 864, 867, 872, 877, 879, 888, 896, 903, 924, 929, 936, 949, 962, 965

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Burns and Roe Construction, Inc., Oradell, NJ 508

Burns and Roe Enterprises, Inc., Oradell, NJ 437, 507, 509

Business Environment, Inc., Knoxville, TN 3261

C&E Consulting und Engineering GmbH, Sektion Umweltmikrobiologie, Chemnitz, Germany 1102, 1902

C-K Associates, Baton Rouge, LA 3166

C.C. Johnson & Malhotra, P.C., Detroit, MI 2003

C.C. Johnson & Malhotra, P.C., Silver Spring, MD 3163

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California Department of Toxic Substances Control, Sacramento, CA 2331

California Environmental Protection Agency, Berkeley, CA 1820

California Environmental Protection Agency, Department of Toxic Substances Control, Sacramento, CA 1767, 1840, 2048

California Regional Water Quality Control Board, Central Valley Region, Sacramento, CA 3319

California State University, Fresno, CA 1791

California State University, Northridge, CA 2522

California State Water Resources Control Board, Sacramento, CA 1848

Camber Corporation, Oak Ridge, TN 1597, 1604

Camp Dresser & McKee, Inc., Denver, CO 2862

Campenon Bernard Europe, Paris, France 713

Camtec Environmental Consultants, Carlsbad, CA 2017

Canada Centre for Mineral and Energy Technology, Ottawa, Ontario, Canada 2037

Canadian Council of Ministers of the Environment, National Contaminated Sites Remediation Program, Ottawa, Ontario, Canada 1855, 2020

Canadian Council of Ministers of the Environment, Winnipeg, Manitoba, Canada 1911, 2166, 2167, 3432, 3435, 3436, 3473, 3501

Canadian Geotechnical Society, Montreal, Quebec, Canada 1992

Canadian Nuclear Association, Toronto, Ontario, Canada 957

Canadian Nuclear Society, Toronto, Ontario, Canada 957

Canadian Society for Civil Engineering, Montreal, Quebec, Canada 3263

Canadian Turbo Inc., Calgary, Alberta, Canada 1875

Canberra Industries, Inc., Meriden, CT 764, 844, 3625

CanTox, Inc., Halifax, Nova Scotia, Canada 1821

CanTox, Inc., Mississauga, Ontario, Canada 1821

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CDM Federal Programs Corporation, Oak Ridge, TN 201, 1533, 1555, 1566, 1567, 1607, 1611, 1614, 1615, 1616, 1617, 1618, 1619, 1719, 2073, 2074, 2075, 2078, 2080

CDM Federal Programs Corporation, Paducah, KY 148

Celtic Technologies Limited, CBT Centre, Cardiff, United Kingdom 2813

CENTEC-21, Inc., Santa Clara, CA 2257, 2327, 2485

Center of Technology and Engineering for Nuclear Projects, Bucharest, Romania 809

Centre d'Etude de l'Energie Nucleaire, Mol, Belgium 559, 588, 643, 651, 691, 738, 889, 955, 3405

Centre de Geologie de l'Ingenieur, Paris, France 2589

CH2M Hill Hanford, Inc., Richland, WA 1634, 1636, 1678

CH2M Hill Inc., Corvallis, OR 253, 2635

CH2M Hill Inc., Denver, CO 2537

CH2M Hill Inc., Englewood, CO 1388

CH2M Hill Inc., Milwaukee, WI 2663

CH2M Hill Inc., Oak Ridge, TN 228, 1277, 1524, 1545, 1546

CH2M Hill Inc., Santa Ana, CA 3255

Charles Machine Works, Inc., Perry, OK 2312

Chem-Nuclear Systems, Inc., Aiken, SC 630

Chem-Nuclear Systems, Inc., Columbia, SC 498

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Chemisch Analytisches Laboratory (CAL), Darmstadt, Germany 2752

Chemische Verfahrenstechnik, Verfahrens-und Umwelttechnik, Seibersdorf, Austria 3216

Chevron U.S.A. Products Company, Inc., Atlanta, GA 2446

China Nuclear Information Centre, Beijing, China 2019

Chuo University, Department of Electric and Electronics Engineering, Tokyo, Japan 2018

Ciba-Geigy Corporation, Greensboro, NC 3009

Cintichem, Inc., Tuxedo, NY 501, 503

CITON, Bucharest, Romania 939

City and County of Denver, Denver, CO 2047

City of Chicago Department of Planning and Development, Chicago, IL 1783

City of Newport News, Newport News, VA 3064

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Clayton Environmental Consultants, Inc., Novi, MI 3023

Clayton Environmental Consultants, Limited, Berkhamsted, United Kingdom 1918

Clean Earth Technologies, St. Louis, MO 2257

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Clemson University, Department of Environmental Systems Engineering, Clemson, SC 2286

Clemson University, Electrical and Computer Engineering Department, Clemson, SC 328

Clemson University, Institute of Wildlife and Environmental Toxicology, Clemson, SC 2623

Co-Operative Programme on Decommissioning, Nykoeping, Sweden 900

Coast Guard Research and Development Center, Groton, CT 1985

Coastal Fluid Technologies, Inc., Lafayette, LA 1028

Cockrell & Associates, Inc., Greensboro, NC 1189, 1410

COGNIS, Inc., Santa Rosa, CA 2874

Coleman Research Corporation, Fairfax, VA 777

Colenco Power Consulting AG, Baden, Switzerland 925

Colorado Center for Environmental Management, Denver, CO 17, 40, 2357

Colorado Department of Public Health and Environment, Denver, CO 1159, 1164, 1166, 1167

Colorado Public Service Company, Platteville, CO 470

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Colorado School of Mines, Environmental Science and Engineering Division, Golden, CO 2630, 3541

Colorado School of Mines, Golden, CO 1262, 1838

Colorado School of Mines, International Ground Water Modeling Center, Golden, CO 3111

Colorado State University, Center for Ecological Risk Assessment and Management, Fort Collins, CO 3346

Colorado State University, Fort Collins, CO 2661, 3233

Columbia Aquatic Sciences, Carlsbad, CA 3366

Columbia Energy & Environmental Services, Inc., Richland, WA 1710

ComEd, Dresden Nuclear Power Station, Morris, IL 472

ComEd, Radwaste Corporate Office, Downers Grove, IL 901

Comision Chilena de Energia Nuclear, Santiago, Chile 3327

Commissariat a l'Energie Atomique, Bagnols-sur-Ceze, France 677

Commissariat a l'Energie Atomique, Center d'Etudes de la Vallee du Rhone, Departement d'Exploitation du Retraitement et de Demantelement, Marcoule, France 642

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Commissariat a l'Energie Atomique, Centre d'Etudes de Fontenay-aux-Roses, Fontenay-aux-Roses, France 876

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Commissariat a l'Energie Atomique, Direction of Waste Management and Decommissioning, France 937

Commissariat a l'Energie Atomique, Fontenay-aux-Roses, France 601

Commissariat a l'Energie Atomique, Gif-sur-Yvette, France 569

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Committee on Energy Efficiency and Control, Minsk, Belarus 1822

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Commonwealth Edison Company, Chicago, IL 473

Commonwealth Edison Company, Downers Grove, IL 771

Commonwealth Scientific and Industrial Research Organization, Division of Mathematics and Statistics, Canberra, Australia 2937

Commonwealth Scientific and Industrial Research Organization, Division of Water Resources, Centre for Groundwater Studies, Perth, Western Australia 3171

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Concurrent Technologies Corporation, Johnstown, PA 340, 2283

Congressional Research Service, Washington, DC 52

Conoco, Inc., Stamford, CT 1014, 1027, 2604, 2798, 3229

Consolidated Edison Company of New York, Inc., New York, NY 499

Consolidated Edison Company, Buchanan, NY 498

Consultant, Bigfork, MT 927, 3416

Consultant, Chesterfield, VA 2630

Consultant, Los Angeles, CA 2505

Consultant, San Francisco, CA 3560

Consultant, Woodsboro, MD 453

Consulting and Research Services, Inc., College Station, TX 2836

Consulting and Research Services, Inc., Wailuku, HI 2836

Consumers Power Company, Charlevoix, MI 487, 488

Consumers Power Company, Jackson, MI 488

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CORPEX Technologies Inc., Knoxville, TN 421

CORPEX Technologies Inc., Research Triangle Park, NC 680, 1011

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D'Aragon, Desbiens, Halde Associates Ltd., Montreal, Quebec, Canada 2904

D. Glass Associates, Inc., Needham, MA 3599

Dalton, Olmsted and Fuglevand, Inc., Bothell, WA 2465

Dames & Moore, Denver, CO 1403, 2848

Dames & Moore, Santa Ana, CA 3037

Daniel B. Stephens & Associates, Inc., Albuquerque, NM 2728, 2741, 2941

Daniel, Mann, Johnson & Mendenhall, Arlington, VA 2638

DASKR Limited, Charleston, WV 1527

Davy International, San Francisco, CA 2021

Decision Focus, Inc., Mountain View, CA 603

Deco-Hanulik AG, Zurich, Switzerland 358

DECOM Engineering Company Limited, Moscow, Russian Federation 638

Decommissioning Programme, Brussels, Belgium 900

Defense Logistics Agency, Baltimore, MD 535

Defense Nuclear Facilities Safety Board, Washington, DC 414

Delft Geotechnics, Delft, Netherlands 3550, 3599

Dell Engineering, Inc., Holland, MI 2863

Deloitte & Touche, Toronto, Ontario, Canada 841

Delphi Research, Inc., Albuquerque, NM 2271

Delphinus Engineering, Inc., Philadelphia, PA 240

Delta Environmental Consultants, Inc., St. Paul, MN 1874, 3141, 3305

Department of the Environment, Environmental Protection Service, Ottawa, Ontario, Canada 2009, 2446, 2683, 2730, 2766, 2786, 2823, 2904, 3117, 3191, 3195, 3246, 3511

Department Radiation Protection, Munich, Germany 566

Desert Research Institute, Water Resources Center, Las Vegas, NV 1424, 3284

DETEC GmbH, Alzenau, Germany 584, 585, 626, 635, 654, 655, 714, 762, 805, 2872, 2873

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DEVO Enterprises, Inc., Washington, DC 1772, 1776

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Dimension Technologies, Inc., Rochester, NY 2246

Discovery Energy, Inc., Tulsa, OK 3088

DLR, Institute for Optoelectronics, Oberpfaffenhofen, Germany 1947

Donovan Consulting Services, Inc., Woodsboro, MD 453

Dow Chemical Company, Midland, MI 3009, 3402

Dow Environmental Inc., Midland, MI 3402

Dowell Schlumberger, Sugar Land, TX 3103

DuPont Company, Central Research & Development, Wilmington, DE 2585

DuPont Company, Wilmington, DE 3058

DuPont Engineering, Houston, TX 2526

DuPont Specialty Chemicals, Wilmington, DE 3009

Duquesne University, Pittsburgh, PA 2298

Dynacon Enterprises, Limited, North York, Ontario, Canada 2425

Dynamac Corporation, Ada, OK 2999

DynCorp/Environmental, Energy and National Security Programs, Alexandria, VA 3477

E. Aukrust, Pittsburgh, PA 2382

E.I. du Pont de Nemours & Company, Houston, TX 2583, 2586

E.J. Bentz & Associates, Inc., Alexandria, VA 44, 1202

Eagle Environmental Health, Inc., Houston, TX 1846

Earth Technology Corporation, Alexandria, VA 1760

Earth Technology Corporation, Berkeley, CA 2870, 3560

Earth Technology Corporation, Long Beach, CA 3217

Earth Technology, Inc., Alexandria, VA 2480

Earth Technology, Inc., Colton, CA 2952

East Bay Municipal Utility District, Oakland, CA 3091

Eastern Research Group, Inc., Lexington, MA 1984, 2824, 3228, 3235, 3245

EBA Engineering Consultants Limited, Edmonton, Alberta, Canada 1992

Ebara Corporation, Tokyo, Japan 2828

Ebasco Environmental, Lakewood, CO 1728

Eckenfelder, Inc., Nashville, TN 2892, 3078, 3135, 3153, 3193

ECN-Nucleaire Energie, Petten, Netherlands 706

ECO Grouting Specialists Limited, Cheltenham, Ontario, Canada 1540, 1541

Eco Waste Technologies, Austin, TX 3256

Ecodynamics Research Associates, Inc., Albuquerque, NM 3362

Ecole Polytechnique, Montreal, Quebec, Canada 2770, 2782

Ecology and Environment, Inc., Albuquerque, NM 1757

Ecology and Environment, Inc., Buffalo, NY 1738

Ecology and Environment, Inc., Dallas, TX 1738, 2432, 3585

Ecology and Environment, Inc., Houston, TX 1757

Ecology and Environment, Inc., Lancaster, NY 3566

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EET, Inc., Bellaire, TX 337, 338, 727

EET, Inc., Michigan City, IN 727

EG&G Energy Measurements, Inc., Las Vegas, NV 1196, 1263

EG&G Mound Applied Technologies, Inc., Miamisburg, OH 169, 171, 172, 1246, 1247, 2219

EG&G Mound Applied Technologies, Transition and Facility Management, Miamisburg, OH 170

EG&G Rocky Flats, Inc., Golden, CO 95, 106, 1390, 1391

EG&G, Denver, CO 1389

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Electric Power Research Institute, Palo Alto, CA 146, 158, 475, 495, 498, 506, 525, 603, 668, 678, 1820, 2246, 2257, 2327, 2485, 2930

Electricite de France (EDF), Paris, France 937

Electro-Petroleum, Inc., Wayne, PA 2621

Electro-Pyrolysis, Inc., Wayne, PA 1796

Elliot Lake Uranium Mine Tailings Areas Environmental Assessment Panel, Ottawa, Ontario, Canada 1099

EMCON Alaska, Inc., Anchorage, AK 62, 1723

EMCON Alaska, Inc., Juneau, AK 62

EMCON Associates, Sacramento, CA 2697

EMCON Northwest, Inc., Bothell, WA 1889, 3154

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Energie Nucleare e delle Energie Alternative (ENEA), Centro Ricerche Energia, Environmental Chemistry Division, Casaccia, Rome, Italy 1907, 1908

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Energiewerke Nord GmbH, Lubmin, Germany 657, 724

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Energy and Environmental Research Corporation, Irvine, CA 2331

Energy Daily, Washington, DC 98, 2273

Energy Products Enrichment, Inc., Norristown, PA 2822

Energy Technology Engineering Center, Canoga Park, CA 418

Engineering Computer Optecnomics, Inc., Annapolis, MD 2387, 3546, 3547, 3548

Engineering Geo-Techniques, Midland, MI 2652

ENSCI Environmental, Blacksburg, VA 2900

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ENSR Consulting and Engineering, Acton, MA 2562

ENSR Consulting and Engineering, Houston, TX 1756

EnSys Environmental Products, Inc., Research Triangle Park, NC 2481, 3318

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Ente Nazionale per l'Energia Elettrica, Milan, Italy 594

Ente per le Nuove Tecnologie, l'Energia e l'Ambiente, Rome, Italy 1960, 1962

Entropic Systems, Inc., Winchester, MA 318, 725

Envirex Inc., Waukesha, WI 3003

Enviro-Test Laboratories, Edmonton, Alberta, Canada 1875

Envirogen, Inc., Canton, MA 2982

Envirogen, Inc., Lawrenceville, NJ 2618, 2729, 3262

Envirogen, Inc., MWR Division, Lawrenceville, NJ 2678, 3023

Envirogen, Inc., Princeton Research Center, Lawrenceville, NJ 1847, 2046

EnviroMetal Technologies, Inc., Guelph, Ontario, Canada 3038, 3295

Environ Corporation, Princeton, NJ 3213

Environment and Technology Services, San Francisco, CA 3074

Environment Canada, Burlington, Ontario, Canada 1926

Environment Canada, Emergencies Engineering Division, Ottawa, Ontario, Canada 1807, 2023

Environment Canada, Environmental Protection Service, Ottawa, Ontario, Canada 2020

Environment Canada, Ottawa, Ontario, Canada 1807, 1967, 2007, 2504

Environment Canada, Program Evaluation Branch, Ottawa, Ontario, Canada 1855

Environment Canada, Toronto, Ontario, Canada 1931, 2564

Environment Protection Authority, Chatswood, New South Wales, Australia 2937

Environment Protection Authority, Victoria, Australia 3396

Environmental & Infrastructure Technologies, Inc., Knoxville, TN 1859

Environmental Dimensions, Inc., Albuquerque, NM 163

Environmental Liability Management, Inc., Princeton, NJ 3382

Environmental Measurements Laboratory, New York, NY 1829

Environmental Microbiology Associates, Inc., Harrisburg, PA 2519, 2729, 2985

Environmental Modeling, Las Vegas, NV 2679

Environmental Occupational Health Sciences Institute, Piscataway, NJ 15

Environmental Planning Group, Inc., Elk Grove Village, IL 1805

Environmental Protection Service, Ottawa, Ontario, Canada 3140

Environmental Quality Management, Richland, WA 253

Environmental Remediation, Inc., Baton Rouge, LA 1784

Environmental Research Institute of Michigan, Ann Arbor, MI 1224, 1536

Environmental Resources Management, Inc., Exton, PA 1844

Environmental Science & Engineering, Inc., Fountain Valley, CA 3586

Environmental Science & Engineering, Inc., Williamston, MI 2926

Environmental Science and Research Foundation, Idaho Falls, ID 27

Environmental Sciences Laboratory, Grand Junction, CO 2764

Environmental Solutions, Inc., Richmond, VA 2691

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Equinox Environmental, Inc., Ballston Spa, NY 1794

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ERM Group, Albuquerque, NM 21

ERM Program Management Company, Los Alamos, NM 1463, 1465

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Federal Cartridge Company, Minneapolis, MN 2625

Federal Energy Regulatory Commission, Washington, DC 782

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Federal Facilities Policy Group, Office of Management and Budget, Council on Environmental Quality, Washington, DC 1872

Federal Ministry of Economics, Bonn, Germany 1096

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Fluor Daniel Fernald, Cincinnati, OH 164, 325, 1236, 1239, 1240, 1242, 1243, 1476

Fluor Daniel, Inc., Greenville, SC 1483, 2382

Fluor Daniel, Inc., Irvine, CA 443, 3073, 3337

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Foster Wheeler Environmental Corporation, Livingston, NJ 185, 3268

Foster Wheeler Environmental Corporation, Lyndhurst, NJ 174

Foster Wheeler Environmental Corporation, Oak Ridge, TN 185, 199, 1596, 1602, 1603, 1605

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GEI Consultants, Inc., Concord, NH 3325

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General Physics Corporation, Columbia, MD 1739

Genitron Instruments GmbH, Frankfurt am Main, Germany 867

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Geo-Con, Inc., Mulberry, FL 2995

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GeoTrans, Inc., Las Vegas, NV 1216, 1439, 1448, 3595

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GPU Nuclear Corporation, Saxton Nuclear Experimental Corporation Facility, Middletown, PA 521, 523

Grace Dearborn Inc., Mississauga, Ontario, Canada 2518

GRADEL S.A., Steinfort, Luxembourg 963

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GRAM, Inc., Oak Ridge, TN 1286

Gray and Osborne, Inc., Seattle, WA 2192

Ground Environmental Services, Inc., Alpharetta, GA 2354

Groundwater and Environmental Services, Inc., Wall, NJ 2553

Groundwater Technology Canada Limited, Mississauga, Ontario, Canada 3117

Groundwater Technology, Inc., Cantu, Italy 2789

Groundwater Technology, Inc., Chads Ford, PA 3214

Groundwater Technology, Inc., Concord, CA 3164

Groundwater Technology, Inc., Englewood, CO 3164

Groundwater Technology, Inc., Golden, CO 3138

Groundwater Technology, Inc., Norwood, MA 2789, 3458

Groundwater Technology, Inc., Trenton, NJ 3135, 3193, 3214

Growth Resources, Inc., New Orleans, LA 1021

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H&R Technical Associates, Inc., Oak Ridge, TN 1526

H2 Technology, Inc., Arvada, CO 1835

Hahn-Meitner-Institute, Berlin, Germany 781

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Halliburton Energy Services, Houston, TX 987, 3128

Halliburton NUS Corporation, Gaithersburg, MD 164

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Hansa Projekt Anlagentechnik GmbH, Hamburg, Germany 542

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Harding Lawson Associates, Denver, CO 2436

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High Voltage Environmental Applications, Inc., Deutschland GmbH, Eichenbarleben, Germany 3020

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Hilbert Associates, Inc., Saratoga Springs, NY 2724

Hitachi Engineering Company Limited, Ibaraki, Japan 893

Hitachi Limited, Tokyo, Japan 893, 3040

Hitachi Metals, Limited, Tokyo, Japan 3040

Hitachi Plant Engineering and Construction Company Limited, Tokyo, Japan 3040

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HydroQual Laboratories, Calgary, Alberta, Canada 1875

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ICF Kaiser Engineers, Inc., Los Alamos, NM 2918

ICF Kaiser Engineers, Inc., Oakland, CA 2738, 2778, 2920, 3560

ICF Kaiser Engineers, Inc., Rancho Cordova, CA 2778, 2920

ICF Kaiser Hanford Company, Richland, WA 403, 1319, 2128

ICF Kaiser, Inc., Chicago, IL 1465

ICF Kaiser, Inc., Fairfax, VA 63

ICF Kaiser, Inc., Rancho Cordova, CA 1465

ICF Technology, Inc., Fairfax, VA 1721

ICFL, Inc., Las Vegas, NV 2737

ICI Paints (Europe), Berkshire, United Kingdom 1775

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Idaho Department of Health and Welfare, Boise, ID 1175,

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Idaho Geological Survey, Idaho Falls, ID 1401

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Idaho National Engineering Laboratory, Idaho Falls, ID 56, 276, 322, 351, 359, 388, 430, 1171, 1176, 1179, 1182, 1395, 1397, 1403, 1405, 1466, 1486, 2055, 2212, 2219, 2228, 2252, 2278, 2279, 2287, 2295, 2317, 2340, 2349, 2404, 2423, 2437, 2672, 2689, 2705, 3009, 3036, 3127, 3208, 3302, 3329, 3440, 3549, 3573, 3634

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IES Industries, Inc., Cedar Rapids, IA 1878

IHI Company Limited, Yokohama, Japan 908

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Illinois Natural History Survey, Champaign, IL 3238

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Industrial Economics, Inc., Cambridge, MA 389

Industrias Nucleares do Brasil, Pocos de Caldas, Brazil 1093

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Ingenieurbuero Bernd Volkmann, Greifswald, Germany 547

Innovative Projects International, Albuquerque, NM 1822

Innovatsionno-inzhiniringovoe predpriyatie Vozrozhdenie', Moscow, Russian Federation 2028

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Institute for Medical Research and Occupational Health, Zagreb, Croatia 1997, 1999

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Institute of Bioorganic Chemistry & Petrochemistry, Kiev, Ukraine 2772

Institute of Chemistry, Hajdrihova, Slovenia 3559

Institute of Experimental Meteorology, Obninsk, Russian Federation 1905

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Institute of Physics and Nuclear Engineering, Bucharest, Romania 939

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International Nuclear Law Association (INLA), Brussels, Belgium 664, 1830

International Radiation Protection Association, Washington, DC 1137, 2701, 2746

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International Technology Corporation, Martinez, CA 2507, 2545

International Technology Corporation, San Bernardino, CA 2540, 2946, 3029

International Technology Corporation, Wilmington, CA 2479

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Jacobs Engineering Group Inc., Golden, CO 3449

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Jacobs Engineering Group Inc., Kevil, KY 1411

Jacobs Engineering Group Inc., Martinez, CA 2776, 3052, 3594

Jacobs Engineering Group Inc., Oak Ridge, TN 216, 1282, 1512, 1513, 1859

Jacobs Engineering Group Inc., Sacramento, CA 2642, 2776, 3052

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Kleinfelder, Inc., Sacramento, CA 1804

Kleinfelder, Inc., San Diego, CA 2433

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Komex-H2O Science, Calgary, Alberta, Canada 3258

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Korea Nuclear Fuel Company, Limited, Taejon, Republic of Korea 918

Korea Power Engineering Company, Inc., Yongin-si, Kyunggi-do, Republic of Korea 918

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Kruger A/S, Soborg, Denmark 3206

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Land Tech Remedial, Inc., Farmingdale, NY 3424

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Landauer, Inc., Glenwood, IL 3340

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Mobil Oil Corporation, New York, NY 3274

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Molten Metal Technology, Inc., Waltham, MA 2378

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MSE, Inc., Butte, MT 265, 333, 1941

Municipality of Hultsfred, Hultsfred, Sweden 1991

MVA, Inc., Norcross, GA 2571, 2736

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NERAC, Inc., Tolland, CT 845, 1986, 1989, 2556, 2829, 3248, 3289

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Pacific Air Forces, Honolulu, HI 2016

Pacific Environmental Group, Inc., San Jose, CA 3219

Pacific Northwest Laboratory, Earth and Environmental Sciences Center, Richland, WA 2445

Pacific Northwest Laboratory, Engineering Technology Center, Richland, WA 2745

Pacific Northwest Laboratory, Interfacial Geochemistry Group, Richland, WA 3266

Pacific Northwest Laboratory, Office of Hanford Environment, Richland, WA 1331

Pacific Northwest Laboratory, Richland, WA 250, 343, 356, 1321, 1336, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1352, 1358, 1364, 1717, 2096, 2100, 2107, 2109, 2121, 2127, 2132, 2149, 2179, 2182, 2192, 2194, 2204, 2242, 2288, 2319, 2331, 2359, 2363, 2369, 2392, 2409, 2457, 2462, 2463, 2554, 2615, 2649, 2696, 2749, 2764, 2864, 2906, 2915, 2967, 2969, 2993, 3041, 3046, 3050, 3080, 3101, 3145, 3158, 3159, 3160, 3202, 3269, 3415, 3464, 3506, 3508, 3515

Pacific Northwest National Laboratory, Richland, WA 14, 19, 72, 269, 339, 1032, 1149, 1322, 1323, 1382, 1659, 1711, 1919, 1965, 2058, 2059, 2099, 2101, 2103, 2106, 2111, 2120, 2122, 2124, 2138, 2141, 2147, 2153, 2162, 2165, 2172, 2178, 2196, 2199, 2200, 2201, 2206, 2209, 2234, 2265, 2301, 2464, 2525, 2687, 2902, 2945, 2955, 2970, 3109, 3217, 3220, 3265, 3271, 3272, 3347

Pacific Nuclear, San Jose, CA 458

Packer Engineering, Inc., Naperville, IL 2195

Pantex Plant, Amarillo, TX 232, 455

Pantex Plant, Environmental Restoration, Amarillo, TX 2966

Parametrix, Inc., Kirkland, WA 3544

Parker, Milliken, Clark, O'Hara & Samuelian, Los Angeles, CA 3461, 3504

Parsons Engineering Science, Inc., Atlanta, GA 1537, 2815

Parsons Engineering Science, Inc., Cleveland, OH 3031, 3090, 3353

Parsons Engineering Science, Inc., Denver, CO 405, 1779, 2158, 2260, 2614, 2944, 3169, 3296, 3297, 3357

Parsons Engineering Science, Inc., Idaho Falls, ID 1400

Parsons Engineering Science, Inc., Oak Ridge, TN 342

Parsons Engineering Science, Inc., Winter Park, FL 2566

Parsons Engineering Services, Inc., Richland, WA 235

Parsons Environmental Services, Inc., Denver, CO 1390, 1391

Parsons Infrastructure & Technology Group, Inc., Cincinnati, OH 173

Parsons Infrastructure & Technology Group, Inc., Idaho Falls, ID 2439

Parsons Infrastructure & Technology Group, Inc., Oak Ridge, TN 184

Patterson Associates, Inc., Chicago, IL 2607

Paul Williams and Associates, Medina, OH 146, 475, 498, 525, 668, 2246, 2930

Paxon Polymer Company, Baton Rouge, LA 3166

PEER Consultants, Oak Ridge, TN 1545, 1546

Pennsylvania Department of Environmental Protection, Southwest Regional Office, Pittsburgh, PA 1022

Pennsylvania State University, Department of Civil and Environmental Engineering, University Park, PA 2003

Pennsylvania State University, Laboratory of Soil Biochemistry, Center for Bioremediation and Detoxification, University Park, PA 2845

Pennsylvania State University, Mineral Processing Section, University Park, PA 3317

Pennsylvania State University, University Park, PA 2524, 2721, 3484

PENTEK, Inc., Coraopolis, PA 517

Peripheral Vision, Buffalo, NY 2244

Perkin-Elmer Corporation, Norwalk, CT 2478

Peruvian Society of Radioprotection (SPR), Lima, Peru 1108

Peter Gray & Associates, Tulsa, OK 1018, 1020

Petroleum Society of CIM, Calgary, Alberta, Canada 3250

Philip Environmental Services Corporation, Columbia, IL 2660

Phoenix Solutions Company, Minneapolis, MN 2337

Physikalisch-Technische Bundesanstalt, Braunschweig, Germany 598

Phytotech, Inc., Monmouth Junction, NJ 2532

Pintail Systems, Inc., Aurora, CO 2848

Plasma Technology Corporation, Raleigh, NC 1940, 1942, 2372

Plasmasil Company Limited, Moscow, Russian Federation 1940

Plexus Scientific Corporation, Annapolis, MD 1746

PLG, Inc., Washington, DC 2112

Polaroid Corporation, Waltham, MA 3325

Polish Academy of Sciences, Institute of Environmental Engineering, Zabrze, Poland 2992

Port Authority of New York and New Jersey, New York, NY 2959

Portland General Electric Company, Portland, OR 511, 512, 513

Portland General Electric Company, Rainier, OR 509, 510

Power Cutting, Inc., Lake Bluff, IL 479

Power Reactor and Nuclear Fuel Development Corporation, Tokyo, Japan 820

Power Reactor Fuel Reprocessing Plant, Tarapur, India 681

Praxair, Inc., Tarrytown Technical Center, Tarrytown, NY 1928, 2382

Praxair, Inc., Tarrytown, NY 1756

PRC Environmental Management, Inc., Aiken, SC 177, 1271, 3376

PRC Environmental Management, Inc., Cincinnati, OH 2849, 3268

PRC Environmental Management, Inc., Denver, CO 1838, 2953

PRC Environmental Management, Inc., Georgetown, KY 3528

PRC Environmental Management, Inc., McLean, VA 3581

PRC Environmental Management, Inc., Rancho Cordova, CA 1862

PRC Environmental Management, Inc., Rolling Meadows, IL 2842

PRC Environmental Management, Inc., Seattle, WA 3530

Pressly Associates, Inc., Brookhaven, NY 2959

Preussag Noell, Wuerzburg, Germany 909

PreussenElektra AG, Tanklager Stadesand, Stade, Germany 1786

Princeton Plasma Physics Laboratory, Princeton, NJ 151, 152, 153, 406, 3045

Private Company PERFEKT, Kielce, Poland 1103

Project Performance Corporation, Sterling, VA 171, 329, 2424

Project Time & Cost, Inc., Arlington, VA 397

Public Service Company of Colorado, Denver, CO 460, 465, 468, 469, 470

Public Service Company of Colorado, Platteville, CO 468, 469

Public Utilities Department, Riverside, CA 3255

Purdue University, Joint Highway Research Project, West Lafayette, IN 1988

Purdue University, School of Health Sciences, West Lafayette, IN 461, 940

Purdue University, West Lafayette, IN 1987

Quebec Ministere de l'Environnement, Ste-Foy, Quebec, Canada 1967

R&D Institute for Agricultural Radiology, Zovti Vody, Ukraine 2032

R&D Institute for Decontamination and Waste Management, Zovti Vody, Ukraine 2032

R&D Institute for Industrial Technologies, Zovti Vody, Ukraine 2032

R. Allan Freeze Engineering, Inc., White Rock, British Columbia, Canada 2661

R.&D.I.R.R.M., Magurele, Romania 1090

R.D. Weed Consulting Engineers, Walnut Creek, CA 489

R.E. Wright Environmental, Inc., Middletown, PA 2877

Rad Elec, Inc., Frederick, MD 3340

Radian Corporation, Austin, TX 2484, 3384, 3468

Radian Corporation, El Segundo, CA 2633, 2926

Radian Corporation, Geographic Information Systems and Services, Austin, TX 3196

Radian Corporation, Herndon, VA 3244

Radian Corporation, Milwaukee, WI 2644

Radian Corporation, Oak Ridge, TN 1563, 1564, 3351

Radian Corporation, Rochester, NY 3161, 3244

Radian Corporation, Sacramento, CA 2951

Radiation Testing Corporation of America, Inc., Woodsboro, MD 453

Radon Council Limited, Middlesex, United Kingdom 1980

Rajasthan Atomic Power Project 3 and 4, Kota, India 751

Ray Rashkin and Associates, Albuquerque, NM 2171

Raytheon Nuclear, Inc., Lexington, MA 160

RECOM Limited of RSC Kurchatov Institute, Moscow, Russian Federation 863

Redki Metali, Buhovo, Sofia, Bulgaria 1127

RedZone Robotics, Inc., Pittsburgh, PA 426, 427, 966, 2173

Regenesis Bioremediation Products, San Juan Capistrano, CA 3078

Regional Water Quality Control Board, Oakland, CA 1795, 3356

Remediation Technologies, Inc., Austin, TX 1880

Remediation Technologies, Inc., Billings, MT 1880

Remediation Technologies, Inc., Concord, MA 2805, 3019, 3134

Remediation Technologies, Inc., Pittsburgh, PA 2895

Remediation Technologies, Inc., Seattle, WA 1880, 2513

Research and Development Institute of Power Engineering, Moscow, Russian Federation 882

Research Association for Nuclear Facility Decommissioning (RANDEC), Tokai, Ibaraki, Japan 695, 754, 819

Research Association for Nuclear Facility Decommissioning, Tokyo, Japan 581, 785, 790, 793, 886, 923

Research Institute of Preventive Medicine, Bratislava, Slovakia 2034, 2450

Research Institute of Uranium Mining, Beijing, China 1125

RESNA Industries, Inc., Los Angeles, CA 2005

Resources Conservation Company, Ellicott City, MD 2436

Retech, Inc., Ukiah, CA 945, 2418, 2938

Reynolds Electrical and Engineering Company, Inc., Las Vegas, NV 2, 58

RHD Consultants, Inc., Princeton, NJ 153

Rice University, Department of Environmental Science and Engineering, Houston, TX 2514, 3067

Rice University, Houston, TX 2791, 3192

Ridgeview Recycling and Disposal Facility, Whitelaw, WI 2857

Rijksinstituut voor de Volksgezondheid en Milieuhygiene, Bilthoven, Netherlands 2538

Risoe National Laboratory, Environmental Science and Technology Department, Roskilde, Denmark 2746

Risoe National Laboratory, Roskilde, Denmark 1799, 1837, 2861

Rizhskij Politekhnicheskij Institute, Riga, Latvia 1807

RMIT University, Department of Chemical and Metallurgical Engineering, Melbourne, Victoria, Australia 1775

RMT, Inc., Madison, WI 2668, 3087

RMT/Four Nines, Inc., Atlanta, GA 2900

Rochester Gas and Electric Company, Rochester, NY 500

Rockwell International Corporation, Rocketdyne Division, Canoga Park, CA 81, 87, 88, 147, 380, 1381

Rocky Flats Environmental Technology Site, Golden, CO 71

Rocky Mountain Environmental Associates, Inc., Idaho Falls, ID 1397

Rocky Mountain Remediation Services, LLC, Golden, CO 106, 108, 110, 1160, 1161, 1163, 1393, 2054, 2152

Rod Rodriguez, Inc., Oak Ridge, TN 186

Rogers and Associates Engineering Corporation, Salt Lake City, UT 1012, 1014, 1024, 3363

Rohm and Haas Company, Research Laboratories, Spring House, PA 2987

Rolls-Royce Limited, Bristol, United Kingdom 847

Rolls-Royce Limited, Derby, United Kingdom 691

Rossijskij Nauchnyj Tsentr Kurchatovskij Institute, Moscow, Russian Federation 864

Roy F. Weston, Inc., Albuquerque, NM 1072

Roy F. Weston, Inc., Edison, NJ 3163, 3519, 3551

Roy F. Weston, Inc., Lakewood, CO 2047, 2152

Roy F. Weston, Inc., West Chester, PA 730, 731, 732, 733, 734, 735, 736, 737, 2641, 2883, 2987, 3089

Roy F. Weston, Inc., Wilmington, MA 2732

Royal Melbourne Institute of Technology, Melbourne, Australia 2684, 3126

RSI Research Limited, Victoria, British Columbia, Canada 2262

Ruchill Hospital, Environmental Health, Glasgow, Scotland, United Kingdom 3475

Rudnik Zirovsky, Gorenja, Slovenia 1112, 2035

Russian Institute of Agricultural Radiology and Agroecology, Moscow, Russian Federation 1939

Rust Environment & Infrastructure, Livonia, MI 2811

Rust Environment & Infrastructure, Naperville, IL 1824

Rust Federal Services of Hanford, Inc., Richland, WA 175

Rust Federal Services, Inc., Albuquerque, NM 1065

Rust Federal Services, Inc., Clemson Technical Center, Anderson, SC 2547, 3312

Rust Federal Services, Inc., Golden, CO 2272, 2435

Rust Federal Services, Inc., Grand Junction, CO 2422

Rust Geotech, Inc., Grand Junction, CO 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 1060, 1270, 1460, 1501, 2110, 2119, 2191, 2362, 2392, 2421, 3600

Rust Remedial Services, Inc., Anderson, SC 2912

Rutgers University, Department of Chemical and Biochemical Engineering, Piscataway, NJ 2653, 2711

Rutgers University, EOHSI-Busch Campus, Piscataway, NJ 3465

RWE Energie AG, Essen, Germany 805, 956

Ryerson Polytechnic University, School of Chemical Engineering, Toronto, Ontario, Canada 2985

S-Cubed, San Diego, CA 3528

S.M. Stoller Corporation, Boulder, CO 1161

S.M. Stoller Corporation, Idaho Falls, ID 2938

S.M. Stoller Corporation, Oak Ridge, TN 201

Sacramento Municipal Utility District, Rancho Seco Nuclear Generating Station, Herald, CA 458

Sacramento Municipal Utility District, Sacramento, CA 459, 772

Safe Sites of Colorado, Golden, CO 399

San Diego State University, San Diego, CA 1466, 1952

San O Company, Limited, Kyoto, Japan 2576

Sandia Corporation, Albuquerque, NM 2602

Sandia National Laboratories, Air Quality Department, Albuquerque, NM 1215

Sandia National Laboratories, Albuquerque, NM 90, 93, 286, 365, 373, 374, 576, 1031, 1032, 1071, 1074, 1219, 1412, 1453, 1454, 1455, 1457, 1458, 1459, 1952, 2216, 2220, 2221, 2223, 2224, 2225, 2235, 2236, 2237, 2295, 2298, 2311, 2312, 2316, 2339, 2361, 2367, 2395, 2410, 2412, 2443, 2444, 2490, 2563, 2608, 2609, 2610, 2627, 2733, 2905, 2908, 2929, 2941, 2954, 3049, 3055, 3139, 3222, 3282, 3334, 3335, 3338, 3348, 3489, 3493, 3494, 3507, 3556, 3634

Sandia National Laboratories, Environmental Characterizations and Monitoring Systems Department, Albuquerque, NM 3421

Sandia National Laboratories, Environmental Monitoring and Reporting Department, Albuquerque, NM 1217

Sandia National Laboratories, Environmental

Operations Department, Livermore, CA 1157

Sandia National Laboratories, Environmental Programs Center, Albuquerque, NM 2218

Sandia National Laboratories, Environmental Programs Development Office, Germantown, MD 2322

Sandia National Laboratories, Environmental Restoration Project, Albuquerque, NM 1456

Sandia National Laboratories, Environmental Restoration Technologies, Albuquerque, NM 2412, 2899

Sandia National Laboratories, Exploratory Systems Development and Parallel Science Computing Centers, Albuquerque, NM 2398

Sandia National Laboratories, Geohydrology Department, Albuquerque, NM 2899

Sandia National Laboratories, Geophysics Department, Albuquerque, NM 2268, 3444, 3574

Sandia National Laboratories, Health Protection Department, Livermore, CA 91

Sandia National Laboratories, Intelligent Systems and Robotic Center, Albuquerque, NM 2171

Sandia National Laboratories, Liquid Metal Processing Laboratory, Albuquerque, NM 2379

Sandia National Laboratories, Livermore, CA 92, 94, 1386

Sandia National Laboratories, Microsensor Research and Development, Albuquerque, NM 2375, 2420, 2426

Sandia National Laboratories, Process Research Department, Albuquerque, NM 22

Sanford Cohen & Associates, Inc., Kirtland, WA 341, 718, 810

Sanford Cohen & Associates, Inc., McLean, VA 2031, 2347

Sanford Cohen & Associates, Inc., Montgomery, AL 1001, 2434, 2534, 2567

Sanford Cohen & Associates, Inc., Sykesville, MD 2852

Sao Paulo University, Chemical Engineering Department, Sao Paulo, Brazil 2885

Sargent and Lundy, Chicago, IL 854

SaskPower, Regina, Saskatoon, Canada 663

Savannah River Ecology Laboratory, Aiken, SC 1500

Savannah River Laboratory, Environmental Sciences Section, Aiken, SC 3076

Savannah River Technology Center, Aiken, SC 2223, 3039

Savannah River Technology Center, Environmental Sciences Section, Aiken, SC 3574

SBP Technologies, Inc., Aberdeen Proving Ground, MD 3070

SBP Technologies, Inc., Gulf Breeze, FL 3069, 3070

Schiffman Associates, LLC, Ewing, NJ 2539

Science and Engineering Associates, Inc., Albuquerque, NM 2213, 2370

Science and Engineering Associates, Inc., Santa Fe, NM 2230, 2494, 2905

Science Applications International Corporation, Albuquerque, NM 399

Science Applications International Corporation, Bothell, WA 2799

Science Applications International Corporation, Cincinnati, OH 3528

Science Applications International Corporation, Energy Systems Group, Washington, DC 1713

Science Applications International Corporation, Engineering and Environmental Compliance Group, McLean, VA 1589

Science Applications International Corporation, Gaithersburg, MD 2207, 2734

Science Applications International Corporation, Germantown, MD 402, 411

Science Applications International Corporation, Hackensack, NJ 2848, 3267

Science Applications International Corporation, Idaho Falls, ID 2371, 3447, 3528

Science Applications International Corporation, McLean, VA 1763

Science Applications International Corporation, Oak Ridge, TN 60, 199, 202, 204, 1006, 1299, 1300, 1303, 1309, 1310, 1517, 1518, 1519, 1520, 1533, 1538, 1562, 1570, 1571, 1574, 1575, 1577, 1578, 1579, 1581, 1589, 1593, 1595, 1596, 1608, 2091, 2092

Science Applications International Corporation, Pleasanton, CA 1157

Science Applications International Corporation, Richland, WA 3588

Science Applications International Corporation, San Diego, CA 2090, 2094, 2460

Science Applications International Corporation, Washington, DC 3529

Science Ventures, Inc., San Diego, CA 2372

Scientific and Industrial Association - Radon, Engineering Department of the Moscow Government, Moscow, Russian Federation 2558, 2825

Scientific and Industrial Association - Radon, Moscow, Russian Federation 719, 910, 953, 2632

Scientific and Industrial Association - Radon, Sergiev Posad, Russian Federation 2632

Scientific Department of the Restricted Zone Administration, Ukraine 2032

Scientific Ecology Group - Colorado, Inc., Golden, CO 99, 110, 467, 720

Scientific Ecology Group, Inc., Kingston, TN 720

Scientific Ecology Group, Inc., Oak Ridge, TN 324, 727, 2277, 2396, 2485, 3443, 3462, 3522

Scientific Ecology Group, Inc., Pittsburgh, PA 692

Scientific Institute of Special Mechanical Problems, Polytechnical Institute, Kiev, Ukraine 881

Scientific Utilization, Inc., Decatur, AL 2427

SCK/CEN, Mol, Belgium 552, 602, 608, 861, 954

Scottish Nuclear Limited, Glasgow, United Kingdom 769

SCS Engineers, Inc., Bellevue, WA 3154

SEA, Albuquerque, NM 2214

SEC Donohue Inc., Aiken, SC 2456

Selentec, Atlanta, GA 2345, 2912

SENES Consultants Limited, Richmond Hill, Ontario, Canada 2574

SENES Oak Ridge, Inc., Oak Ridge, TN 1905

Separation Systems Consultants, Inc., Houston, TX 2773

Seville University, Facultad de Fisica, Seville, Spain 1825

SGN Eurisys Services Corporation, Richland, WA 2107

Shell Canada Products Limited, Calgary, Alberta, Canada 1875

Shell Development Company, Houston, TX 3144, 3156, 3324

Shell Development Company, Westhollow Technology Center, Houston, TX 2944

Shepherd Miller, Inc., Fort Collins, CO 331

Shibaura Institute of Technology, Saitama, Japan 914

SHN Consulting Engineers & Geologists, Eureka, CA 2000

Siemens AG Bereich Energieezeugung (KWU), Erlangen, Germany 762

Siempelkamp Giesserei GmbH & Company, Krefeld, Germany 533, 753, 902

Sierra Environmental Services, Inc., Houston, TX 3205

Sierra Environmental Services, Inc., Martinez, CA 3433

Silena S.p.A., Cernusco S/N, Milan, Italy 3425

Site des Monts d'Arree, Brennilis, France 634

Slovenska Lekarska Spolocnost, Spolocnost Nuklearnej Mediciny a Radiacnej Hygieny, Bratislava, Slovakia 1938

Slovensky Energeticky Podnik, Bohunice, Slovakia 894

Smith Consulting Services, Ada, OH 3044, 3175, 3200, 3242

Smith Environmental Technologies, Plymouth Meeting, PA 1770

Societe d'Energie de la Baie James, Montreal, Quebec, Canada 2898

Societe Generale pour les Techniques Nouvelles (SGN), Saint-Quentin-en-Yvelines, France 601, 642

Sofia University, Faculty of Physics, Sofia, Bulgaria 1127, 1143, 1144

Software Control International, Oak Ridge, TN 3499, 3557

Soil and Water Limited, Helsinki, Finland 3599

Soil Tech Corporation, San Juan, Puerto Rico 2963

Solar Universal Technologies, Inc., Cleveland, OH 3208

Sondermuellbetriebsgesellschaft mbH, Fellbach-Schmiden, Germany 1895

Sonsub, Inc., Houston, TX 1398, 1399, 2401

Sound Remedial Technologies, Duvall, WA 2679

South Carolina Universities Research and Education Foundation, Strom Thurman Institute, Clemson, SC 2286

South Dakota School of Mines and Technology, Rapid City, SD 1946

Southeastern Technology Center, Augusta, GA 3602

Southeastern Universities Research Association, Inc., Continuous Electron Beam Accelerator Facility, Newport News, VA 1777

Southern California Edison, Irvine, CA 617

Southwest Missouri State University, Springfield, MO 2993

Spar Aerospace Limited, Avon, CT 2177

Spar Aerospace Limited, Brampton, Ontario, Canada 2177, 2262

Spar Environmental Systems, Brampton, Ontario, Canada 259

Spar Space Systems, Brampton, Ontario, Canada 2384

Sparte Consulting und Engineering, Chemnitz, Germany 1132

Special Technologies Laboratory, Santa Barbara, CA 2325

Spectrace Instruments, Mountain View, CA 3352

Spelman College, Center for Scientific Applications of Mathematics (CSAM), Atlanta, GA 2742

Spetspyidprijemstvo Kompleks, Chernobyl, Ukraine 739

SRI International, Menlo Park, CA 1981, 3073, 3179

SSB Environmental, Inc., Albany, NY 2040

St. Petersburg State Institute of Technology, St. Petersburg, Russia 3485

St. Petersburg State Institute of Technology, St. Petersburg, Russian Federation 1864, 2038, 3517

Stadtverwaltung City Administration, Schneeberg, Germany 1934

Stanford University, Department of Chemistry, Stanford, CA 2571

Stanford University, Department of Civil Engineering, Stanford, CA 1834, 3104, 3106, 3174

Stanford University, Department of Geological and Environmental Sciences, Stanford, CA 3217

Stanford University, Department of Mechanical Engineering, Stanford, CA 2253

Stanford University, Western Region Hazardous Substance Research Center, Stanford, CA 2582, 3132

State of Delaware, Department of Natural Resources and Environmental Control, Underground Storage Tank Branch, New Castle, DE 2714

State of Idaho, INEL Oversight Program, Idaho Falls, ID 1177

State University of New York at Buffalo, Buffalo, NY 2725, 2827, 3212

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State University of New York, Research Center, Oswego, NY 2786

State University of New York, Stony Brook, NY 2917

State Water Resources Control Board, Division of Clean Water Programs, Sacramento, CA 1927, 2413

State Water Resources Control Board, Sacramento, CA 3371

Statens Geotekniska Institute, Linkoeping, Sweden 2821

STEAG Kernenergie GmbH, Essen, Germany 632, 714

Stellar Environmental Solutions, Berkeley, CA 1795

Step, Inc., Oak Ridge, TN 2174

Stevens Institute of Technology, Hoboken, NJ 2822

Stone and Webster Engineering Corporation, Richland, WA 2095

Stress Engineering Services, Inc., Houston, TX 2330

Striplin Environmental Associates, Inc., Olympia, WA 2465

Strong Capital Management, Inc., Milwaukee, WI 783

STS Consultants Limited, Green Bay, WI 2811

Studsvik Eco and Safety AB, Nykoeping, Sweden 1124, 1141

Sumitomo Metal Industries Limited, Corporate Research Laboratories, Kashima, Ibaraki, Japan 754

Sumitomo Metal Technology Industries Limited, Chiyodaku, Tokyo, Japan 754

Sunbelt Geophysics, Albuquerque, NM 1456

Surtek, Inc., Golden, CO 2537

Swartz and Associates, Inc., Boulder, CO 3635

Swartz and Associates, Inc., Golden, CO 2331

Swedish Environmental Protection Agency, Solna, Sweden 2821

Swedish Nuclear Fuel and Waste Management

Company, Stockholm, Sweden 609, 610, 944

Swedish Radiation Protection Institute, Stockholm, Sweden 577, 1117, 1136

Swiss Federal Institute of Technology, Institute of Geotechnical Engineering, Zurich, Switzerland 2568

Swiss Federal Institute of Technology, Zurich, Switzerland 3535

Syncrude Canada Limited, Edmonton, Alberta, Canada 1992

Systematic Management Services, Oak Ridge, TN 54

T N and Associates, Oak Ridge, TN 1277, 1515

T&R Associates, Wayne, PA 2359

Taisei Corporation, Tokyo, Japan 941

Tallon Metal Technologies, Inc., Ville St. Laurent, Quebec, Canada 2673

Tallon, Inc., Princeton, NJ 2673

Tamkang University, Department of Water Sources and Environmental Engineering, Tamshui, Taiwan 2531

Tano & Associates, Denver, CO 11, 30

Tech Reps, Inc., Albuquerque, NM 2220, 2412

Technadyne Engineering Consultants, Inc., Albuquerque, NM 3556

Technical University of Hamburg-Harburg, Department of Electrical Measurement, Hamburg, Germany 2645

Technical University of Munich, Institute for Radiochemistry, Munich, Germany 570

Technical University of Munich, Institute of Hydrochemistry, Munich, Germany 3099, 3303

Technical University of Munich, Munich, Germany 956

Technische University, Institute fuer Wasserchemie und Chemische Wassertechnologie, Dresden, Germany 1785

Technische University, Lehrstuhl fuer Bodenschutz und Rekultivierung, Cottbus, Germany 2654

Technischer Ueberwachungsverein Suedwest e.V., Mannheim, Germany 979

Technology Applications, Inc., Athens, GA 3007

TEG Rocky Mountain, Golden, CO 3449

TELEMESS GmbH, Friedrichshafen, Germany 781

Telerob Gesellschaft fuer Fernhantierungstechnik mbH, Ostfildern, Germany 542, 781

Tenera Federal Projects, Golden, CO 3364

Tenneco, Inc., Houston, TX 1846

Tennessee Department of Environment and Conservation, DOE Oversight Division, Oak Ridge, TN 398, 1563, 1564

Tennessee Valley Authority, Muscle Shoals, AL 490

Tensar Environmental Systems, Inc., Atlanta, GA 2466

Tensar Environmental Systems, Inc., Spring Lake, NJ 2466

Terra Vac Corporation, Mid-Atlantic Division, West Trenton, NJ 2474

Terra Vac Corporation, Mid-Atlantic Division, Windsor, NJ 2959

Terra Vac Corporation, Midwest Division, Temperance, MI 2474, 2527

Terra Vac Corporation, Newport Beach, CA 3314

Terra Vac Corporation, Northeast Division, Westford, MA 3314

Terra Vac Corporation, Northwest Division, Seattle, WA 2474, 3314

Tetra Tech, Inc., San Bernardino, CA 3375

Texaco Inc. 3274

Texaco R&D, Beacon, NY 2622

Texas A&I University, Department of Geosciences, Kingsville, TX 1392

Texas A&M University, College Station, TX 22, 231, 2836, 3070, 3288

Texas A&M University, Department of Civil Engineering, College Station, TX 3309

Texas Agricultural Experiment Station, Research and Extension Center, Dallas, TX 2670

Texas Bureau of Radiation Control, Austin, TX 1891

Texilla Environmental, Inc., Addison, TX 2698

Textron Defense Systems, Wilmington, MA 283

TGF Consultants Limited, Cockermouth, United Kingdom 575

TGF Consultants Limited, Lymm, Cheshire, United Kingdom 919

The Independent Newspaper, London, United Kingdom 857

Thermo Analytical, Inc., Oak Ridge, TN 3361

Thermo Nuclear Services, Inc., Albuquerque, NM 2763

Thermo Nutech, Albuquerque, NM 2918

Thermo Nutech, Oak Ridge, TN 1716

Theta Technologies, Inc., Oak Ridge, TN 3442, 3591

Thomas J. Owen and Associates, Fountain Valley, CA 3189

Three Mile Island Nuclear Generating Station, Middletown, PA 520

TLG Engineering, Inc., Bridgewater, CT 775

TLG Services, Inc., Bridgewater, CT 450, 457, 501, 502, 504, 568, 586, 694, 978

TMA/Eberline, Oak Ridge, TN 1715

TN Technologies, Round Rock, TX 3352

Tokai University, Marine Science and Technology, Shimizu, Japan 2576

Tokai University, Shimizu, Japan 1861

Toray Research Center, Inc., Inorganic Analysis Laboratory, Otsu, Shiga, Japan 3388

Toshiba Corporation, Kawasaki, Kanagawa, Japan 666, 667, 669, 972, 973

Toshiba Engineering and Construction Company Limited, Tokyo, Japan 669

Town of Colonie, Newtonville, NY 999

Town of Hague, Hague, NY 2040

Towson State University, Department of Biology, Towson, MD 3007

Toxcon Inc., Edmonton, Alberta, Canada 1875

Toyo Engineering Corporation, Chiba, Japan 862

Transco Products, Chicago, IL 462

TRC Environmental Corporation, Downers Grove, IL 2925

Trea Tek-CRA Company, Niagara Falls, NY 2793, 3095

Tri-S Environmental Corporation, Newport Beach, CA 3078

Trinity Engineering Associates, Inc., Cincinnati, OH 1443, 3495

Trischler und Partner GmbH, Geotechnik, Umweltschutz, Darmstadt, Germany 2752

TRW, Inc., Redondo Beach, CA 2134, 3526

TTX Associates, Inc., Medfield, MA 494

TTX Associates, Inc., New York, NY 492, 493, 496

Tuboscope Vetco Environmental Services, Houston, TX 2489

TUEV Bayern Sachsen, Hauptabteilung Strahlenschutz, Munich, Germany 565, 798, 888

TUEV Rheinland e.V., Institut fuer Kerntechnik und Strahlenschutz, Koeln, Germany 1786

Tulane University, Center for Bioenvironmental Research, New Orleans, LA 1915

Tulane University, New Orleans, LA 2510, 2737

TUV Bavaria, Munich, Germany 567

U.S. Air Force Base Conversion Agency, Rantoul, IL 2815

U.S. Air Force Center for Environmental Excellence, Brooks Air Force Base, TX 1914, 2975, 3152, 3264

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U.S. Air Force Institute of Technology, Wright-Patterson Air Force Base, OH 2284, 2399, 2533, 2631, 3092, 3330, 3354, 3390

U.S. Air Force, Atwater, CA 3052

U.S. Air Force, Environmental Management, Hill Air Force Base, Utah 2860

U.S. Air Force, George Air Force Base, CA 3029

U.S. Air Force, McClellan Air Force Base, CA 2635, 2951

U.S. Air Force, Tyndall Air Force Base, FL 3009

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U.S. Army Corps of Engineers, Huntsville, AL 1730

U.S. Army Corps of Engineers, Institute for Water Resources, Fort Belvoir, VA 1912, 1913

U.S. Army Corps of Engineers, Kansas City, MO 1747, 3306

U.S. Army Corps of Engineers, Omaha, NB 3254

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U.S. Army Environmental Center, Installation Restoration Division, Aberdeen Proving Ground, MD 1759

U.S. Army Program Managers Office for the Rocky Mountain Arsenal, Commerce City, CO 1728

U.S. Army Test and Evaluation Command, Aberdeen Proving Ground, MD 1736

U.S. Army, Aberdeen Proving Ground, MD 1739, 3070

U.S. Army, Armament Research, Development, and Engineering Center, Picatinny Arsenal, NJ 1941

U.S. Army, Cold Regions Research and Engineering Laboratory, Hanover, NH 2577, 2656, 2663, 2672, 3490

U.S. Army, Construction Engineering Research Laboratories, Champaign, IL 1873

U.S. Army, Dugway Proving Ground, Utah 1826

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U.S. Army, Rocky Mountain Arsenal, Commerce City, CO 2004

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U.S. Bureau of Mines, Division of Environmental Technology, Washington, DC 1085, 1087

U.S. Bureau of Mines, Helium Field Operations, Amarillo, TX 1086

U.S. Bureau of Mines, Reno Research Center, Reno, NV 1088

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U.S. Department of Energy, Albuquerque Operations Office, Albuquerque, NM 29, 266, 1065, 1066, 1076, 1316, 1621, 1622

U.S. Department of Energy, Albuquerque Operations Office, Environmental Restoration Division, Albuquerque, NM 1064, 1072

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U.S. Department of Energy, Chicago Operations Office, Argonne, IL 25

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U.S. Department of Energy, Environmental Measurements Laboratory, New York, NY 372

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U.S. Department of Energy, Idaho Operations Office, Environmental Restoration Division, Idaho Falls, ID 1175

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U.S. Department of Energy, Oak Ridge Operations Office, Environmental Restoration Division, Oak Ridge, TN 285

U.S. Department of Energy, Oak Ridge Operations Office, Formerly Utilized Sites Remedial Action Program, Oak Ridge, TN 986, 1004, 1006, 1008

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U.S. Environmental Protection Agency, Irving, TX 3287

U.S. Environmental Protection Agency, Montgomery, AL 2434, 2567

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U.S. Environmental Protection Agency, Office of Air and Radiation, Washington, DC 1973

U.S. Environmental Protection Agency, Office of Emergency and Remedial Response, Washington, DC 1365, 1404, 1474, 1484, 1485, 1497, 1499, 1695, 1725, 1726, 1733, 1735, 1737, 1744, 1745, 1751, 1755, 1831, 1969, 1994, 2002, 2026, 2027, 3395, 3413

U.S. Environmental Protection Agency, Office of Federal Facilities Enforcement, Washington, DC 68, 1849

U.S. Environmental Protection Agency, Office of Radiation and Indoor Air, Las Vegas, NV 386

U.S. Environmental Protection Agency, Office of Radiation and Indoor Air, Washington, DC 1378, 1974

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U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, Washington, DC 2041, 2544, 3437

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U.S. Environmental Protection Agency, San Juan, Puerto Rico 2963

U.S. Environmental Protection Agency, Seattle, WA 1175

U.S. Environmental Protection Agency, Washington, DC 296, 341, 386, 718, 810, 1001, 1950, 1982, 2031, 2326, 2356, 2852, 3025, 3231, 3569

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U.S. Geological Survey, Denver, CO 1734, 2350, 2423, 2762, 2936

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U.S. Geological Survey, Rolla, MO 1192, 1194, 1418, 3110

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U.S. Nuclear Regulatory Commission, Division of Regulatory Applications, Office of Nuclear Regulatory Research, Washington, DC 381

U.S. Nuclear Regulatory Commission, Division of Regulatory Applications, Washington, DC 913, 2261

U.S. Nuclear Regulatory Commission, Division of Waste Management, Office of Nuclear Material Safety and Safeguards, Washington, DC 1130

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U.S. Nuclear Regulatory Commission, Office of Nuclear Material Safety and Safeguards, Washington, DC 697, 852, 1081, 3565

U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, Washington, DC 615

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