DEPARTMENT OF ENERGY

STEWARDS OF A
NATIONAL RESOURCE

MESSAGE FROM THE SECRETARY

vents of the past several years have had a profound impact on the mission of the Department of Energy. Most notably, the end of the Cold War has made it possible for us to reorient our mission from primarily the design, production, and testing of nuclear weapons toward: increasing efficiency and the choice of energy sources, supporting basic and applied research in science and technology, addressing environmental quality issues, improving industrial competitiveness, and a continued contribution to a secure national defense. These changes in direction will have a lasting effect on all of us. In all our efforts we have emphasized the need to earn trust and build partnerships.

*Above,
Los Alamos
vista.*

*Cover Photo:
Restored prairie,
Fermi Laboratory
near Chicago,
Illinois.*

This booklet tells the story of a part of this change: new uses for our 50 major sites encompassing 2.4 million acres of land and billions of dollars worth of facilities. These new uses will reach beyond beating swords into plowshares and cleaning up our production facilities. They will include ecosystem protection, economic development, and industrial competitiveness. This is our future.

None of this will be successful without the meaningful participation of our stakeholders: businesses and entrepreneurs, citizen groups, neighbors of our sites, government officials, and the American public as a whole.

I hope this booklet provides some insights into our new direction for our land and facilities. As Vice President Gore has promised the American people, we are committed to making the Department of Energy work better and cost less. Some of our successes with this new approach are highlighted in the following pages. Most importantly, I hope you'll share your thoughts on how we can work together to best use this great national resource.

PARTNERSHIP
WITH THE
PUBLIC

A NATIONAL
RESOURCE

DEPARTMENT OF ENERGY

WE, the employees of the Department of Energy, PROMISE TO CARE RESPONSIBLY FOR THE WASTELANDS AND FACILITIES entrusted to us. In fulfilling our critical mission, WE WILL MAKE USE OF THESE RESOURCES WISELY

and in a way that minimizes our impact on the land and our neighboring communities.

WE WILL ALSO SEEK OPPORTUNITIES TO SHARE our land and facilities WITH their ultimate owners, THE CITIZENS OF THE UNITED STATES.

Rocky Flats site and
the front range of the
Rocky Mountains

MASTER

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27

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INTRODUCTION

*Right, Golden
Eagle on the
Idaho National
Engineering
Laboratory
Below, Yucca
Mountain
Below right, The
fences coming
down in Rocky
Flats*

In the following pages, we describe how we are changing the way we manage our lands and facilities. The Department's lands contain diverse ecosystems, geologic settings and natural resources. Our sites lie close by large metropolitan areas and in isolated communities. We are sometimes the major employer in a region. Native American religious and cultural resources are found on nearly every Western site. We are also the custodians of the Manhattan Project's atomic bomb birthplaces and other historic and scientifically significant facilities.

At many places, security fences are coming down, allowing our land and facilities to be viewed in a new light. A relatively small proportion of our sites were actually used for production and research activities and therefore require clean-up. The majority of our 2.4 million acres were used as buffer lands and have been relatively untouched for 50 years. It is these lands in particular where we are exploring new uses. A number of facilities, no longer required for our missions, also offer great opportunities for reuse.

DISCLAIMER

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THE DEPARTMENT OF ENERGY IS PEOPLE, PLACES AND THINGS

38,000
SCIENTISTS AND
ENGINEERS

People are our most valued

resource. The Department of Energy family con-

61 NOBEL
PRIZE
WINNERS

sists of about 20,000 government workers and
nearly 135,000 contract employees. Among these
are environmental technicians, Nobel prize-

winning scientists,
engineers, guards,
and craftsmen.

*Top, Oak Ridge
environmental researcher.*

*Right, water testing
in Idaho.*

DEPARTMENT OF ENERGY

THE DEPARTMENT OF ENERGY IS PEOPLE, PLACES AND THINGS

In 35 states-- from Alaska to Florida and New York to Hawaii-- the Department of Energy conducts its business. Our 50 major sites on 2.4 million acres across the United States makes us the fourth largest Federal land owner. Our combined lands cover more area than Delaware, Rhode Island, and the District of Columbia put together.

*Mercury Camp
at the Nevada
Test Site*

We have many lands
and facilities which can be used to foster
new technologies, stimulate U.S.
competitiveness,
and create jobs.

CREATE JOBS

*A cooperative project uses old water treatment
pools from a closed nuclear reactor (above)*

A SUCCESS as a salmon hatchery
and commercial fish-raising facility (top)

PARTNERSHIPS FOR ECONOMIC DEVELOPMENT

Since the Department of Energy partnership with the City of Miamisburg, Ohio, permits the use of idle facilities at the Mound site, a former nuclear weapons complex, for a commercial, high-technology industrial center. The City has already attracted 7 businesses and is actively pursuing others for the Mound Advanced Technology Center.

Background, Mayor Dick Church and Larry Kirkman, Department of Energy, Director of Miamisburg Area Office, shake over the agreement.

Left, The Mound Facility.

Bottom, Larry

Kirkman, left, and John Weithofer, City Manager,

Miamisburg, signing the agreement.

THE DEPARTMENT OF ENERGY IS PEOPLE, PLACES AND THINGS

*Aerial view of Lawrence
Livermore National
Laboratory.
Lower left,
The Los Alamos
National Laboratory,
New Mexico.*

9 MAJOR
MULTI-PROGRAM
LABORATORIES
10 SINGLE-
PURPOSE
LABORATORIES
11 SMALLER
SPECIAL
MISSION-
LABORATORIES

The Department's assets include unique world class facilities and equipment. They range from nuclear reactors to oil reserves, from the world's fastest computers to the most powerful lasers, from storage bunkers for dismantled weapons to

pilot projects for cleaner fuels. It would cost over \$130 billion to replace all these things.

ALL THESE RESOURCES TOGETHER
— PEOPLE, PLACES AND THINGS —
ARE A NATIONAL
TREASURE.

DEPARTMENT OF ENERGY

THE ORIGINS OF THE DEPARTMENT OF ENERGY

To understand our future you need a glimpse of our past. The Department's forerunner was called the Manhattan Project. It was created during World War II to build the atom bomb. For nearly 50 years, making nuclear weapons has

been the primary mission of the Manhattan Project's successors: The Atomic Energy Commission (1954-1974), the Energy Research and Development Administration (1974-1977), and finally the Department of Energy created in 1977. Over the years, significant new programs were added in areas such as Energy Research, Nuclear Energy, Fossil Energy, Energy Efficiency and Renewable Energy, Environmental Management, Energy Information, and Environment, Safety and Health. Nevertheless, because of our critical weapons activities, secrecy and isolation remained important.

As our country's defense mission has changed, so have we. Our challenge today is to strengthen the economy, protect the environment, and support national security through a government that provides more services with fewer resources.

SUCCESS THROUGH YOUR PARTICIPATION

As our pledge suggests, our new credo is STEWARDSHIP. By this we mean caring for our land and facilities so that we pass them on to future generations in better condition than we found them.

Stewardship requires us to look beyond the fences around our sites and to plan beyond the needs of today's missions. Our goal, set by President Clinton, is sustainable development: to meet the needs of the present without

compromising the ability of future generations to meet their own needs. To accomplish this, our planning processes will be more comprehensive and will directly involve economic, ecologic, social, and cultural factors. Success can only be achieved with your participation.

Top, Partnering with industry to develop

new products at Argonne National Laboratory

Left, Tagging wild turkeys at Oak Ridge

Far left, Pelicans at Hanford

Top, Uranium mining wastes have been removed from the Grand Junction, Colorado site. Wetland habitats are now being restored, and a recreation trail is planned. Left, Under the first expedited clean-up action, Hanford workers have removed waste drums containing hexane. This year, under another expedited clean-up action, 260 square miles of the site have been cleaned up to allow for other uses.

ewardship also means considering future land use decisions in our environmental clean-up and waste management actions. Long-term decisions about how we will use our lands will help us determine public risk levels and set remediation goals.

LAND USE AND CLEAN-

On a portion of the
former Rocky Flats
nuclear weapons plant
(right), we have created
the National Wind
Technology Center (top)
as a research facility to
aid industry in
developing advanced
wind energy systems for
the future. The center is
currently testing five new
designs.

As we partner
with industry to devel-
op technologies for
the future, we will bal-
ance economic devel-
opment with ecosys-
tem integrity.

PARTNER
WITH INDUSTRY
FOR THE
FUTURE

NEW USE FOR FACILITIES

A private company has leased an idle Idaho National Engineering Laboratory reactor to treat inoperable brain cancer. When it is operational, patients will no longer have to travel to Japan for an experimental treatment. The facility will operate under a license from the Nuclear Regulatory Commission.

Top, Conceptual design showing placement of reactor and patient

Above, the Idaho National Engineering Laboratory site.

AS SUCCESS

The Savannah River Site has become one of the largest biodiversity research sites in the U.S. through a partnership with the United States Forest Service. Activities also include the restoration of several Carolina Bays (pictured) to original condition, a field program for biology students, and a timber management program which generates \$3 million annually.

Top, Young alligators
at the Savannah
River Site
Left, Rainier Mesa at
the Nevada Test Site
Background, Mule
deer at the Idaho
National Engineering
Laboratory

A wide variety of
terrain and climate is home to an
abundance of natural assets on
Department of Energy lands.

AN ABUNDANCE OF NATURAL ASSETS

RESEARCH ON
CLIMATIC
TRENDS,
POLLUTION
EFFECTS,
BIODIVERSITY,
HABITAT
RESTORATION,
AND
ECOSYSTEM
DYNAMICS

For more than twenty years, scientists have conducted research on climatic trends, pollution effects, biodiversity, habitat restoration, and ecosystem dynamics, on the two million acres that the Department has designated as National Environmental Research Parks. These seven field laboratories provide a wealth of environmental information in support of our stewardship efforts.

Our scientists collaborate with universities, private organizations, and governmental agencies on ecosystem research. The research parks also provide environmental education for the public.

Top, Buckboard Mesa at the Nevada Test Site.
Left, Scientists examine one of

the 600 different species of plants at Hanford

Far left, Ducks resting at the Fermi National Laboratory

Through thoughtful
planning, the Department of
Energy will sustain the natural
systems for which we
are stewards.

SUSTAIN THE NATURAL SYSTEMS

*Top, The land inside the
accelerator ring at the Fermi
National Laboratory has been
restored to a tallgrass prairie
with help from the Nature
Conservancy and hundreds of*

A SUCCESS

*volunteers. The entire site is also a National
Environmental Research Park.*

*Above, San Joaquin Kit Fox on the Naval Petroleum
Reserve has made a remarkable comeback through a
species recovery plan.*

*A surplus kitchen
at the Brookhaven
National
Laboratory is
used by the Red
Cross to provide
meals for
homebound
residents of
Suffolk County,
New York.*

A SUCCESS

The Department of Energy will contribute to the quality-of-life in the communities where our sites are located.

QUALITY-OF-LIFE IN COMMUNITIES

Top, A public trail through the prairie at Fermi National Accelerator Lab

Above, The Department of Energy improves neglected land adjacent to its headquarters and the Smithsonian in Washington, D C

Right, Environmental education at Oak Ridge

We will increase public involvement in our planning processes to ensure a better understanding of our communities' needs and promote environmental justice.

Above, Many of our sites have advisory groups that examine facility and land use options. The Fernald

A SUCCESS *Citizens Task Force is seeking consensus among stakeholders concerning clean-up strategies and future uses for the site.*

Right, The University of Tennessee arboretum is located on 2,200 acres of land donated by Oak Ridge

INCREASE PUBLIC INVOLVEMENT IN OUR PLANNING PROCESSES

*The Department has
guaranteed the
Shoshone-Bannock
Tribe access to caves
on Idaho National
Engineering
Laboratory lands for
religious ceremonies
and cultural
education.*

ur lands have supported
many peoples and cultures for thousands of years.
Echoes of the past are recorded in many ways.

*Above, An 1860's
settler's home, one of
79 cultural sites at
Hanford*

*Right, Rock paintings
at the Los Alamos
National Laboratory*

We have
identified
and protected
thousands of
archeological
sites

ECHOES OF THE PAST PRESERVED

Our planning process will ensure that we understand and preserve the rich cultural history of our lands. We have the responsibility to preserve examples of human

activities: from prehistoric artifacts to the Manhattan Project's reactors.

Above, Rock paintings at the Nevada Test Site

Left, The Oregon Trail is visible on the Idaho National Engineering Laboratory

RESOURCE INFORMATION

The Department's facilities are found in many places across the country. This section provides brief information about each site's acreage, and total square footage of facilities. It also provides a contact phone number for the public affairs office. Only sites where the Department owns or controls real property and facilities are listed. Sites are listed alphabetically by State. We look forward to hearing from you.

ENERGY TECHNOLOGY ENGINEERING CENTER, <i>Simi Valley, CA</i>			
Private Property	256,000 sf	818/586-5326	
LAWRENCE LIVERMORE NATIONAL LAB, <i>Livermore, CA</i>			
821 acres	5,524,000 sf	510/422-4599	
LAWRENCE LIVERMORE NATIONAL LAB 300 AREA, <i>Tracy, CA</i>			
6,907 acres	345,000 sf	510/422-4599	
LAWRENCE BERKELEY LAB, <i>Alameda, CA</i>			
State Property	1,631,145 sf	510/486-5771	
SANDIA NATIONAL LAB, <i>Livermore, CA</i>			
377 acres	658,000 sf	510/294-3135	
STANFORD LINEAR ACCELERATOR CENTER, <i>Stanford, CA</i>			
State Property	1,731,000 sf	415/926-2204	
NAVAL PETROLEUM RESERVE 1 & 2, <i>Tupman, CA</i>			
58,611 acres	307,000 sf	202/586-6503	
GRAND JUNCTION SITE, <i>Grand Junction, CO</i>			
62 acres	227,000 sf	505/845-5136	
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE, <i>Golden, CO</i>			
6545 acres	3,395,000 sf	303/275-4742	
NATIONAL RENEWABLE ENERGY LAB, <i>Golden, CO</i>			
902 acres	233,000 sf	303/275-4742	
NAVAL OIL SHALE RESERVE NO. 1, <i>Rifle, CO</i>			
40,760 acres	1,000 sf	202/586-6503	
NAVAL OIL SHALE RESERVE NO. 3, <i>Rifle, CO</i>			
14,130 acres	8,000 sf	202/586-6503	
KNOLLS ATOMIC POWER LAB, <i>Windsor, CT</i>			
9 acres	147,500 sf	518/395-4690	
PINELLAS SITE, <i>Largo, FL</i>			
97 acres	733,000 sf	505/845-6202	
SANDIA NATIONAL LAB, <i>Kauai, HI</i>			
Other Agency Property	3,000 sf	505/845-6202	
AMES LAB, <i>Ames, IA</i>			
State Property	278,000 sf	708/252-2010	
IDAHO SITE			
ARGONNE NATIONAL LAB - WEST, <i>Inel, ID</i>			
IDAHO CHEMICAL PROCESSING PLANT, <i>Inel, ID</i>			
IDAHO NATIONAL ENGINEERING LAB, <i>Idaho Falls, ID</i>			
571,688 acres	4,825,000 sf	800/708-2680	
ARGONNE NATIONAL LAB, <i>Argonne, IL</i>			
1,705 acres	3,657,000 sf	708/252-2010	
FERMI NATIONAL ACCELERATOR LAB, <i>Batavia, IL</i>			
6,800 acres	2,166,000 sf	708/252-2010	
STRATEGIC PETROLEUM RESERVE, <i>New Orleans, LA</i>			
3,015 acres	184,000 sf	202/586-6503	
BATES LINEAR ACCELERATOR, <i>Middletown, MA</i>			
State Property	184,000 sf	708/252-2010	
PRINCETON PLASMA PHYSICS LAB, <i>Plainsboro, NJ</i>			
Private Property	752,000 sf	708/252-2010	
LOS ALAMOS NATIONAL LAB, <i>Los Alamos, NM</i>			
30,782 acres	7,608,000 sf	505/845-6202

OUR COMMITMENT

TA RESPONSIBLE
The Department of Energy is a responsible
steward of our national resources. More than ever before, the Department's mis-
sions are compatible with multiple uses of our lands and facilities. We want to
make them available.

To be successful we need your ideas. Please let us know if you, or your city, com-
pany, county, organization, state, tribe or neighbors have ideas regarding: business
proposals, research and development partnerships, historic or cultural resources,
parks and recreation, or anything else that involves public or pri-
vate sector use of our land and facilities.

*Top, Bison at the Fermi
National Laboratory.
Above, Desert Tortoise at
Yucca Mountain.*

At many of our sites there are site advisory boards considering
future use options. Environmental Impact Statements and
Assessments also provide an opportunity for your input. At
some locations, state and local economic development and planning agencies are
also involved in future use decisions. Public affairs offices at our sites have further
information on participation. Contact numbers are listed on the following pages.
Our internet address is fmland.ideas@hq.doe.gov. In addition, a post card has
been included, or you can write to:

Hazel O'Leary, Secretary of Energy
Attention: Secretary's Land Use Initiative
U.S. Department of Energy, 1000 Independence Avenue, S.W.
Washington, D.C. 20585

RESOURCE INFORMATION

SANDIA NATIONAL LAB, <i>Albuquerque, NM</i>			
10,305 acres	4,098,000 sf	505/845-6202	
WASTE ISOLATION PILOT PLANT, <i>Carlsbad, NM</i>			
10,240 acres	261,000 sf	505/234-7327	
INHALATION TOXICOLOGY RESEARCH INSTITUTE, <i>Albuquerque, NM</i>			
Other Agency Property	257,000 sf	505/845-6202	
NEVADA TEST SITE, <i>Mercury, NV</i>			
792,651 acres	2,806,000 sf	702/295-3521	
YUCCA MOUNTAIN, <i>Las Vegas, NV</i>			
112,871 acres	No Buildings	702/295-3521	
SANDIA NATIONAL LAB, <i>Tonopah, NV</i>			
336 acres	17,000 sf	505/845-5163	
BROOKHAVEN NATIONAL LAB, <i>Upton, NY</i>			
5,321 acres	3,786,000 sf	708/252-2010	
KNOLLS ATOMIC POWER LAB, <i>West Milton/Niskayuna, NY</i>			
4,077 acres	1,024,500 sf	518/395-4690	
FERNALD FEED MATERIAL PRODUCTION PLANT, <i>Cincinnati, OH</i>			
1,084 acres	1,584,000 sf	513/865-3968	
MOUND SITE, <i>Miamisburg, OH</i>			
306 acres	1,373,000 sf	513/865-3968	
BARTLESVILLE ENERGY TECHNOLOGY CENTER, <i>Bartlesville, OK</i>			
17 acres	190,000 sf	202/586-6503	
BETTIS ATOMIC POWER LAB, <i>West Mifflin, PA</i>			
202 acres	889,000 sf	412/476-7200	
PITTSBURGH ENERGY TECHNOLOGY CENTER, <i>Bruceton, PA</i>			
60 acres	448,000 sf	202/586-6503	
CENTER FOR ENERGY AND ENVIRONMENT, <i>Mayaguez, PR</i>			
Commonwealth Property	68,000 sf	615/576-8018	
SAVANNAH RIVER SITE, <i>Aiken, SC</i>			
198,344 acres	10,779,000 sf	803/725-3159	
OAK RIDGE RESERVATION, <i>Oak Ridge, TN</i>			
OAK RIDGE NATIONAL LAB, <i>Oak Ridge, TN</i>			
K-25 PLANT, <i>Oak Ridge, TN</i>			
Y-12 PLANT, <i>Oak Ridge, TN</i>			
OAK RIDGE INSTITUTE OF SCIENCE AND EDUCATION, <i>Oak Ridge, TN</i>			
35,253 acres	24,408,000 sf	615/576-0885	
STRATEGIC PETROLEUM RESERVE, <i>Freeport & Beaumont, TX</i>			
2,223 acres	103,000 sf	202/586-6503	
SUPER CONDUCTING SUPER COLLIDER, <i>Dallas, TX</i>			
1,724 acres	178,000 sf	214/935-9000	
PANTEX SITE, <i>Amarillo, TX</i>			
10,080 acres	1,985,000 sf	505/845-5136	
NAVAL PETROLEUM OIL SHALE RESERVE NO. 2, <i>Carbon & Uintah Counties, Utah</i>			
90,400 acres	No Buildings	202/586-6503	
CONTINUOUS ELECTRON BEAM ACCELERATOR FACILITY, <i>Newport News, VA</i>			
265 acres	294,000 sf	804/249-7689	
HANFORD SITE/PACIFIC NORTHWEST LAB, <i>Richland, WA</i>			
359,681 acres	8,048,000 sf	509/376-7501	
MORGANTOWN ENERGY TECHNOLOGY CENTER, <i>Morgantown, WV</i>			
132 acres	343,000 sf	202/586-6503	
NAVAL PETROLEUM RESERVE NO. 3, <i>Casper, WY</i>			
9,481 acres	70,000 sf	202/586-6503	
TOTAL	2,388,264 acres	97,863,145 sf	

Bonneville Power Administration operates power distribution systems in Washington, Oregon, and Idaho. Its offices are in Portland, Oregon. (503) 230-7515

Western Area Power Administration operates power distribution systems in 17 western states. Its offices are in Denver, Colorado. (303) 275-1235

Southwestern Power Administration operates power distribution systems in 5 southwestern states. Its offices are in Tulsa, Oklahoma. (918) 518-7538

Alaska Power Administration operates power distribution systems in Alaska. Its offices are in Juneau, Alaska. (907) 586-7026