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Energy Information Directory

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MASTER

Preface

The National Energy Information Center (NEIC), as part of its mission, provides energy information and referral assistance to Federal, State, and local governments, the academic community, business and industrial organizations, and the general public. The two principal functions related to this task are 1) operating a general access telephone line, and 2) responding to energy-related correspondence addressed to the Energy Information Administration (EIA). The *Energy Information Directory* was developed to assist the NEIC staff, as well as other Department of Energy (DOE) staff, in directing inquiries to the proper offices within DOE, other Federal agencies, or energy-related trade associations.

The *Directory* lists most Government offices and trade associations that are involved in energy matters.

It does not include those DOE offices which do not deal with the public or public information. For the purposes of this publication, each entry has been given a numeric identification symbol. The index found in the back of this publication uses these identification numbers to refer the reader to relevant entries.

The *Directory* is published annually, with each issue superseding the previous edition. However, due to organizational changes throughout DOE and EIA, there is no edition of the *Directory* for either 1992 or 1993. Questions concerning the content of an entry should be directed to Leola Withrow at (202) 586-1171. General information can be obtained by contacting NEIC at (202) 586-8800. Copies of the *Directory* are free and can be obtained from NEIC at the following address:

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Energy Information Administration
U.S. Department of Energy
EI-231, Forrestal Building
Washington, DC 20585
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Information Centers

<p>1 Energy Efficiency and Renewable Energy Clearinghouse (EREC) P.O. Box 3048 Merrifield, VA 22116 (800) 363-3832 Data Line: (800) 273-2955 E-Mail: energyinfo@delphi.com URL: http://www.eren.doe.gov</p>	<p>3 National Energy Information Center (NEIC) EI-231, Room 1F-048, Forrestal Washington, DC 20585 (202) 586-8800 TTY: (202) 586-1181 Fax: (202) 586-0727 E-Mail: infoctr@eia.doe.gov</p>
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Provides information on the full spectrum of energy efficiency and renewable energy technologies, including active/passive solar, energy-efficient appliances, biofuels production, independent power generation using renewable resources, recycling, and waste-to-energy and weatherization materials and techniques. EREC also maintains contact with a nationwide network of public and private organizations that specialize in highly technical or regionally specific information. EREC is the successor to the Conservation and Renewable Energy Inquiry and Referral Service (CAREIRS) and the National Appropriate Technology Assistance Services (NATAS).

2 **Energy Science and Technology Software Center (ESTSC)**
Edwin Kidd, Director
P.O. Box 1020
Oak Ridge, TN 37831
Fax: (615) 576-2865

General Information
(615) 576-2606
E-Mail: estsc@adonis.osti.gov

Operated under contract for DOE's Office of Scientific and Technical Information, the Energy Science and Technology Software Center (ESTSC) is DOE's centralized software management center. In addition to housing a collection of software developed by DOE and contractors, ESTSC maintains software developed for the U.S. Nuclear Regulatory Commission and exchanges software related to nuclear science and technology with the International Nuclear Energy Agency in France. ESTSC collects, prepares, and sells scientific and technical copyrighted computer software to the DOE community, other government organizations, universities, and the public, as appropriate; checks for package completeness; executes test cases, as requested; provides assistance and consultation on software implementation; and publishes descriptions of new and updated software packages for users.

Provides statistical and analytical energy data, information, and referral assistance to the government and private sectors, academia, and the public. NEIC distributes EIA publications to the media; public libraries; Federal, State, and local governments; and EIA survey respondents. NEIC also provides Government Printing Office (GPO) ordering information. Single copies of blank data collection forms, directories, and EIA press releases are available free of charge to all users. Ordering information on EIA machine-readable files available through the National Technical Information Service (NTIS) and GPO may be obtained from NEIC.

NEIC Subject Specialists

Coal
Dorothy Karsteter
Karen Vassallo
Bill Horvath

Electric and Nuclear Power
Thomas Welch
William Jeffers

Media/Press Inquiries
Thomas Welch
Jonathan Cogan

Natural Gas
Paula Altman
Jonathan Cogan

Petroleum
Leola Withrow

Renewable Energy Resources/Conservation
Marion King
Karen Freedman

Data Survey Forms
Single Copy Distribution
Karen Freedman

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Modeling Tapes, Data Files, and Diskettes*
(202) 586-8800

*Information About Obtaining Microfiche of
Publications*
(202) 586-8800

4 **National Institute for Petroleum and
Energy Research (NIPER)**
Winnie Ho
P.O. Box 2128
Bartlesville, OK 74005
(918) 337-4531

Conducts research, development, and demonstration efforts covering all phases of liquid fossil fuel technology. Includes research on petroleum extraction using enhanced oil recovery methods and improved drilling technology; the extraction of natural gas from Western tight sands processing and thermodynamic properties of conventional oils, as well as liquid products made from coal, oil shale, and tar sands; recycling of waste lubricating oil; and improving automotive engine emissions. A data bank on crude oil recovery is available to the public. Effective October 1, 1983, the Bartlesville Energy Technology Center was transferred for operation by the Illinois Institute of Technology Research and was renamed the National Institute for Petroleum and Energy Research. In addition, NIPER will solicit research from the private sector as well as from other Government agencies.

5 **Office of Scientific and Technical
Information (OSTI)**
Elizabeth V. Buffum, Director
Department of Energy
P.O. Box 62
Oak Ridge, TN 37831
(615) 576-1188
Fax: (615) 576-2865

Provides direction and leadership for the departmentwide Scientific and Technical Information Program, which serves the information needs of DOE and contractor facilities. OSTI collects, processes, and disseminates information resulting from DOE research projects, as well as worldwide information on subjects of interest to DOE researchers; serves as the central processing and distribution point and repository for DOE scientific and technical reports; and develops databases to provide access to energy literature, DOE research in progress, and DOE-developed software. OSTI also maintains a registry of energy publications produced by DOE for the public. Provides technical guidance, project analysis, and project feasibility assessment to organizations requiring expertise in evaluating project proposals or recommendations. Develops specialized information systems and products in response to the needs of DOE program managers; represents DOE in international technical information exchanges with, for example, the International Energy Agency and the International Atomic Energy Agency; and provides energy information to the public through the National Technical Information Service and the GPO Federal Depository Library Program.

General Information
Rob Robideau
(615) 576-1569

*Technical Reports
Request Services*
(615) 576-8401

Databases
Cathy Grissom
(615) 576-1175

Department of Energy/Washington, DC

Departmental Advisory Committees

6 Office of the Secretary of Energy Advisory Board (SEAB)
Peter F. Didisheim, Acting Director
AB-1, Room 8E-044, Forrestal Building
Washington, DC 20585
(202) 586-7700

Established on January 2, 1990, to advise the Secretary of Energy on the research, development, energy, and national defense responsibilities, activities, and operations of DOE and to provide expert guidance to DOE in these areas.

7 American Statistical Association Committee on Energy Statistics (ASA)
Renee Miller
EI-72, Room 307
1707 H Street, N.W.
Washington, DC 20585
(202) 254-5507

Originally chartered on October 17, 1984, to utilize the expertise of ASA for review of elements of EIA information collection and analysis programs; to advise on technical and methodological issues in the planning, operation, and review of EIA statistical programs; and to advise on matters concerning improved energy modeling and forecasting tools. The charter has been renewed every two years since 1984; the most recent approval for renewal was received on October 2, 1994.

8 Environmental Restoration and Waste Management Advisory Committee (EMAC)
James T. Melillo, Executive Secretary
EM-1, Room 8H-032, Forrestal Building
Washington, DC 20585
(202) 586-4400

Established on January 15, 1992, to provide to the Assistant Secretary of Environmental Restoration and Waste Management (EM) information, advice, and recommendations concerning the content and process of the Programmatic Environmental Impact Statement (PEIS) and other EM projects. EMAC advises the Assistant Secretary on both the substance and the process of PEIS from the perspective of affected groups and State and local governments. EMAC also advises on any other EM projects which the Assistant Secretary requests and assigns to the committee for review. The committee helps to improve the Environmental Restoration and Waste Management Program by assisting in the process of securing consensus recommendations and providing DOE's

customers with opportunities to make their views known.

9 Basic Energy Sciences Advisory Committee (BESAC)
Diane Stull
ER-10, Room J-304
19901 Germantown Road
Germantown, MD 20585
(301) 903-5565

Established on October 16, 1986, to provide advice to the Secretary of Energy, through the Director of Energy Research, on elements of DOE's Basic Energy Sciences (BES) Program, including advice on long-range plans, priorities, and strategies to address more effectively the scientific aspects of basic energy sciences issues of DOE policies and programs. The committee will provide recommendations on appropriate levels of funding to develop those plans, priorities, and strategies, and to help maintain appropriate balance between competing elements of the BES program and on scientific aspects of basic energy sciences issues of concern to DOE.

10 Health and Environmental Research Advisory Committee (HERAC)
Michelle Levy
ER-70, Room J-104
19901 Germantown Road
Germantown, MD 20585
(301) 903-2987

Established on November 22, 1983, to conduct periodic reviews of elements of the Health and Environmental Research Program and provide advice on long-range plans, priorities, and strategies to address more effectively the scientific aspects of energy-related health and environmental issues of departmental policies and programs. To provide advice on appropriate levels of funding to develop those plans, priorities, and strategies, and to help maintain appropriate balance between competing elements of the program.

11 High Energy Physics Advisory Panel (HEPAP)
Marsha Marsden
ER-222, Room G-448
19901 Germantown Road
Germantown, MD 20585
(301) 903-4140

Established on January 13, 1967, to provide advice on a continuing basis to the Director, Office of Energy Research, on the national high energy physics research programs. HEPAP activities include: (a) periodic

reviews of the program and recommendations of any changes considered desirable on the basis of scientific and technological advances or other factors; (b) advice on long-range plans, priorities, and strategies for the national high energy physics programs; (c) advice on recommended appropriate levels of funding to assure a world leadership position and to help maintain appropriate balance between competing elements of the program; and (d) advice on any issues relating to the program as requested by the Secretary of Energy or the Director of Energy Research.

12 National Coal Council (NCC)

Margie Biggerstaff
FE-5, Room 4G-055, Forrestal Building
Washington, DC 20585
(202) 586-3867

The National Coal Council was established by the Secretary of Energy on October 25, 1984, and was chartered in accordance with the Federal Advisory Committee Act. The duties of the NCC are solely advisory. Its purpose is to provide advice and recommendations on a continuing basis as requested by the Secretary of Energy on general policy matters relating to coal.

13 National Petroleum Council (NPC)

Margie Biggerstaff
FE-5, Room 4G-055, Forrestal Building
Washington, DC 20585
(202) 586-3867

Established by the Secretary of Interior on May 3, 1946, at the request of President Harry S. Truman. In 1977, the NPC's functions were transferred to DOE. It is chartered under the provisions of the Federal Advisory Committee Act. The duties of the NPC are solely advisory. Its purpose is to inform and make recommendations to the Secretary of Energy with respect to any matter relating to oil and gas or the oil and gas industry.

Departmental Program Offices

14 Office of the Assistant Secretary for Congressional, and Intergovernmental Affairs (CI)

Carolyn Herr Watts, Acting Assistant Secretary
CI-1, Room 7B-138, Forrestal Building
Washington, DC 20585
(202) 586-5450

Responsible for developing, managing, and ensuring coordination of all departmental relations with Congress; State, local, Native American, and territorial government officials; and other Federal agencies. The Assistant Secretary represents the Secretary of Energy and serves as DOE's principal point of contact with

Congress; State, local, and Native American government officials; and other external organizations and groups. These activities are conducted in consultation with the White House offices on legislative and intergovernmental affairs.

15 Office of the Deputy Assistant Secretary for Intergovernmental Affairs

Robert S. Kripowicz, Deputy Assistant Secretary
CI-30, Room 7B-164, Forrestal Building
(202) 586-7944

This Office provides advice and expertise to the Assistant Secretary and senior departmental officials on policy and intergovernmental initiatives of State, local, and Native American governments and other Federal agencies. This office works closely with all levels of governments to keep them informed of policies and programs of DOE and to exchange information relating to program issues.

16 Office of the Deputy Assistant Secretary for House Liaison

Daniel C. Tate, Jr., Deputy Assistant Secretary
CI-40, Room 7B-118, Forrestal Building
Washington, DC 20585
(202) 586-5468

Office of the Deputy Assistant Secretary for Senate Liaison

Mary Louise Wagner, Deputy Assistant Secretary
CI-50, Room 7B-118, Forrestal Building
Washington, DC 20585
(202) 586-5468

These Offices provide advice and expertise to the Assistant Secretary and senior departmental officials on policy and legislative initiatives of Congress and serve as key advisors to the Assistant Secretary in the development of legislative initiatives and strategies to support DOE's energy policies and programs.

17 Office of Governmental Liaison

Elizabeth A. Cecchetti, Acting Director
CI-60, Room 8G-026, Forrestal Building
(202) 586-2764

This Office serves as the central point of contact for congressional activities on a day-to-day basis and provides support for the activities of the Deputy Assistant Secretaries for House and Senate Liaisons in developing legislative strategies and providing expertise on congressional interests and issues regarding legislation and hearings on sensitive legislative proposals. The staff works closely with members of Congress and their staffs and senior departmental officials on legislative initiatives. The staff develops, coordinates, and implements communications plans to announce major program and

policy initiatives and coordinating and scheduling of nonappropriations congressional hearings. Provides advance notification of contract and grant awards to members of Congress and gathers information on congressional activities, votes, and priorities.

18 Office of the Assistant Secretary for Defense Programs (DP)
Victor H. Reis, Assistant Secretary
DP-1, Room 4A-019, Forrestal Building
Washington, DC 20585
(202) 586-2181

19 Office of the Deputy Assistant Secretary for Research and Development
Roger Fisher, Deputy Assistant Secretary
DP-10, Room 4A-019, Forrestal Building
Washington, DC 20585
(202) 586-7590

Oversees and directs the programs and related facilities for nuclear weapons research, development, and testing. Manages the dual-benefit research and development programs and cooperative agreements to ensure economic competitiveness. Provides leadership in the establishment of a partnership between the Defense Programs laboratories and Defense Programs to preserve laboratory core competencies and technology base and ensure the enduring health and vitality of the national laboratories.

20 Office of Research and Inertial Fusion
Marshall Sluyter, Director
DP-11, Room B-312
19901 Germantown Road
Germantown, MD 20585
(301) 903-5491

Manages research activities associated with the weapons science and enabling technology base including advanced technologies, inertial fusion, and research and technology development activities such as weapons design and safety research.

21 Office of Development Testing
Ken Adney, Acting Director
DP-12, Room A-483
19901 Germantown Road
Germantown, MD 20585
(301) 903-3441

Coordinates, initiates, and implements basic policies for all Defense Programs development and testing activities that are required to support the enduring stockpile and oversees a wide variety of experimental facilities and activities relating to nuclear weapons, including use of the Nevada Test Site.

22 Office of Research, Development, and Testing Facilities
Richard C. Crowe, Director
DP-13, Room D-403
19901 Germantown Road
Germantown, MD 20585
(301) 903-6214

Provides management direction to DOE's Defense Programs research, development, and testing facilities (Lawrence Livermore National Laboratory, Los Alamos National Laboratory, Sandia National Laboratory, and the Nevada Test Site) assuring their operation and maintenance in a safe, environmentally sound, and secure manner.

23 Office of Economic Competitiveness
James L. Van Fleet, Director
DP-14, Room GP-180, Forrestal Building
Washington, DC 20585
(202) 586-5782

Manages dual-benefit research and development programs between the private sector and Defense Programs laboratories and facilities that enhance the technology infrastructure and core competencies necessary for execution of the DOE national security mission while also contributing to the U.S. industrial competitiveness.

24 Office of Defense Programs Laboratories and Reimbursable Programs
Maurice J. Katz, Director
DP-15, Room GP-180, Forrestal Building
Washington, DC 20585
(202) 586-6385

Provides leadership in the establishment of a partnership between the three Defense Programs laboratories (Los Alamos National Laboratory, Sandia National Laboratory, and the Lawrence Livermore National Laboratory) and the Assistant Secretary for Defense Programs. Serves as the focal point for laboratory institutional and strategic planning and ensures consistency and uniformity in the evaluation process utilized for the three laboratories. Assumes primary role in reviewing and approving work programs for laboratory-directed research and development and for nonsponsors, Work for Others (WFO), at the laboratories and serves as the principal Defense Programs liaison to outside scientific organizations as well as the National Science and Technology Council (NSTC). Manages and funds Defense Programs science education programs.

25 Office of the Deputy Assistant Secretary for Military Application and Stockpile Support
 Charles J. Beers, Jr. Deputy Assistant Secretary
 DP-20, Room 4B-014, Forrestal Building
 Washington, DC 20585
 (202) 586-4879

Carries out DOE responsibilities to achieve national security objectives established by the President and assisting in reducing the global nuclear danger by planning for and maintaining a safe, secure, and reliable stockpile of nuclear weapons and associated materials, capabilities, and technologies in an environmentally sound and cost-effective manner.

26 Office of Weapons Surety
 David L. McConagh, Director
 DP-21, Room A-386
 19901 Germantown Road
 Germantown, MD 20874
 (301) 903-6690

Manages DOE's nuclear weapons surety program. Serves as advisor to senior DOE management regarding all aspects of this activity which include safety, security, and use control. Provides support to programs such as emergency response and counter-proliferation. Represents DOE in interagency and international weapons surety activities.

27 Office of Nuclear Weapons Management
 Richard D. Hahn, Director
 DP-22, Room A-301
 19901 Germantown Road
 Germantown, MD 20874
 (301) 903-2402

Develops, manages, and directs the planning and execution of the stockpile support and materials policies and programs to assure that national defense requirements are met. Responsible for ensuring the safe and effective operation and maintenance of the Kansas City Plant and for ensuring that production requirements are achieved.

28 Office of Emergency Response
 Lisa E. Gordon-Hagerty, Director
 DP-23, Room B-320
 19901 Germantown Road
 Germantown, MD 20874
 (301) 903-3558

Administers and directs the programs of DOE's emergency response capability to ensure availability and viability to respond to nuclear and radiological emergencies within the United States and abroad. This capability includes seven major radiological emergency response assets/capabilities. Provides overall management and direction for the development and

29 Office of Site Operations
 Daniel R. Rhodes, Director
 DP-24, Room C-425
 19901 Germantown Road
 Germantown, MD 20874
 (301) 903-3757

Manages DOE's stockpile support sites at the Y-12 Plant, Savannah River tritium facilities, and the Pantex Plant while assuring their safe and effective operation and maintenance.

30 Office of Complex Reconfiguration
 Stephen M. Sohinki, Director
 DP-25, Room 4B-014, Forrestal Building
 Washington, DC 20585
 (202) 586-0838

Directs the preparation of the Tritium Supply and Recycling Programmatic Environmental Impact Statement. Prepares the recommendations to be included in the Record of Decision (ROD) in which the Secretary of Energy will announce the site and/or technology selected for the future tritium production and recycle facilities. Plans for the implementation of the ROD and prepares the site-specific Environmental Impact Statement regarding tritium production and recycle facilities which will allow DOE to construct a new facility or purchase irradiation services at an existing reactor. Provides support to a Stockpile Stewardship and Management Programmatic Environmental Impact Statement.

31 Office of the Deputy Assistant Secretary for Facility Transition and Technical Support
 Donald F. Knuth, Deputy Assistant Secretary
 DP-30, Room 4A-043, Forrestal Building
 Washington, DC 20585
 (202) 586-2185

Provides DOE's management direction and program/operational assistance for operation and maintenance of nuclear weapons materials production and processing facilities to assure compliance with DOE Orders and policies; Federal, State, and local laws and regulations; and agreement.

32 Office of Engineering, Operations, Security and Transition Support
 Willie F. Hensley, Director
 DP-31, Room A-304, Germantown Building
 Washington, DC 20585
 (301) 903-5277

Manages reviews of key safety documentation including Safety Analysis Reports, unresolved safety questions, etc., in support of line management approval

of facility operations. Manages the development and review of technical safety requirements, operational safety requirements, and other limits used in determining assurances of safety for operation, construction, modification, or backfit of Defense Programs facilities.

33 Office of Construction and Capital Projects
Edward G. Lazur, Director
DP-32, Room B-130A, Germantown Building
Washington, DC 20585
(301) 903-3557

Provides direct line management of all Major Systems Acquisitions (MSA's), Major Projects (MP's), and other projects selected by the Assistant Secretary for Defense Programs to assure that they are designed, constructed, and prepared for operations in a safe, environmentally sound, secure, cost-effective, efficient, and reliable manner, in compliance with all applicable DOE Orders, requirements, standards, etc., and in accordance with DOE and Office of Management and Budget guidelines and procedures and other generally accepted DOE and industry practices.

34 Office of Savannah River Site Facilities
John A. Ford, Director
DP-33, Room 2041, Clover Leaf Building
Germantown, MD 20585
(301) 903-3782

Provides management and programmatic direction to the Operations Offices on Materials support programs to assure that they are planned and implemented in a safe, environmentally sound, secure, efficient, and reliable manner. This includes all sitewide activities and infrastructure programs at the Savannah River Operations Office.

35 Office of Environmental Support
Henry K. Garson, Director
DP-34, Room B-109, Germantown Building
Washington, DC 20585
(301) 903-0470

Provides long-range, integrated planning for compliance with National Energy Policy Act (NEPA) requirements, including the methods of identifying potential actions requiring NEPA reviews and the process for establishing recommendations regarding the subjects for NEPA review.

36 Office of Special Projects
Fred Witmer, Director
DP-35, Room B-227, Germantown Building
Washington, DC 20585
(301) 903-2270

Conducts performance monitoring activities to strengthen existing environmental, safety, and health (ES&H) performance monitoring systems. Improves ES&H performance monitoring quality, utility, and

compliance in cooperation with line and Operations Office(s) management needs through such activities as Operating Experience Reviews. Improves, benchmarks, and innovates ES&H occurrence reporting and performance indicators and performance-based measurement systems to ensure DOE quality improvement.

37 Office of the Deputy Assistant Secretary for Planning and Resource Management
David B. Leclaire, Deputy Assistant Secretary
DP-40, Room 4A-019, Forrestal Building
Washington, DC 20585
(202) 586-2295

Manages the budget and financial management, human resource management, strategic planning/support, administration, and management support services activities for Defense Programs.

38 Office of Stockpile and Facility Transition Programs
(Vacant), Director
DP-41, Room A-337, Germantown Building
Washington, DC 20585
(301) 903-3676

Manages and coordinates all resource management activities associated with the planning, formulation, analysis, and execution of the Materials Support, the Stockpile Support (including Reconfiguration and Emergency Response Capability, and the Worker and Community Transition Assistance portions of the Defense Programs budget. This Office also coordinates the development and presentation of the ES&H Management Plan and the Safeguards and Security crosscut budget for Defense Programs.

39 Office of Research and Development Programs
Kathleen Y. Foley, Director
DP-42, Room B-325, Germantown Building
Washington, DC 20585
(301) 903-3334

Manages and coordinates the formulation and analysis of the research, development, and testing portions of the Defense Programs budget.

40 Office of Financial Policy and Legislative Analysis
(Vacant), Director
DP-43, Room B-318, Germantown Building
Washington, DC 20585
(301) 903-4769

Manages and coordinates the Defense Programs financial management policy formulation and budget execution activities, development of Defense Programs policy analysis and initiatives, development of strategic plans, and congressional, legislative analysis, and public affairs activities.

41 Office of Minority Economic Impact and Diversity (ED)
Corlis Moody, Acting Director
ED-2, Room 5B-110, Forrestal Building
Washington, DC 20585
(202) 586-8383

Develops comparative socioeconomic analyses of minority energy consumption and use patterns; determines the effects of energy prices; and implements focused educational and increased technical, business, and financial assistance programs which will enhance the social and economic conditions of minorities. Programs focus on developing and implementing fluid methods to determine both the income distribution and employment effects associated with related energy policies and programs among disadvantaged population segments. The Office also develops, enhances, and establishes programs to increase minority participation in both DOE's and the energy industry's research and demonstration, grant, contract, and other program opportunities; increases their levels of involvement in the development and commercialization of energy technology alternatives; implements effective strategies to enhance the technical and scientific skills of minorities and the quality of the minority educational infrastructure; improves the business skills and levels of participation of minorities in the high-technology energy industry segments; and develops and disseminates technical information to assist focused developmental strategies in minority and low-income communities.

42 Office of Small and Disadvantaged Business Utilization
Corlis S. Moody, Director
ED-3, Room 905
1707 H Street, N.W.
Washington, DC 20585
(202) 254-5583

Responsible for policy, plans, implementation, and oversight of functions relating to preference programs for small businesses; labor surplus area concerns; women-owned businesses; and minority-owned businesses, educational institutions, and organizations. The Office provides functional direction and oversight to DOE's headquarters and field personnel in regard to execution of these programs.

43 Office of the Assistant Secretary for Energy Efficiency and Renewable Energy (EE)
Christine A. Ervin, Assistant Secretary
EE-1, Room 6C-016, Forrestal Building
Washington, DC 20585
(202) 586-9220

Formulates and directs programs designed to develop and promote the adoption of cost-effective renewable

energy and energy efficiency technologies in conjunction with the States and with partners in the transportation, building, industrial, and utility sectors. Supports research, development, and technology transfer activities. Administers statutorily mandated assistance programs.

44 Office of the Deputy Assistant Secretary for Utility Technologies
Karl R. Rabago, Deputy Assistant Secretary
EE-10, Room 6B-104, Forrestal Building
Washington, DC 20585
(202) 586-9275

Develops the utility technology policies and priorities by evaluating national and departmental economic, environmental, and energy policies and statutes, current and prospective domestic and international energy demands and utilization, and by Federal funding availability. The Office activities include the technology of renewable and solar energy conversion, energy management, and advanced utility concepts. The Office is also responsible for the development, execution, and evaluation of programs and activities to affect timely transfer of technology from Federal laboratories to energy production concerns. The Office facilitates informed decisionmaking within the energy utilization community.

45 Office of Renewable Energy Conversion
Roland R. Loose, Acting Director
EE-12, Room 5H-095, Forrestal Building
Washington, DC 20585
(202) 586-8084

Provides overall direction, interprets policy objectives, and establishes management procedures for a balanced program that will foster the establishment of renewable or alternate energy supply options, such as wind, ocean, hydroelectric, and geothermal, for use by utilities and allied industries and institutions.

46 Wind, Hydro, and Ocean Division
Ronald R. Loose, Director
EE-121, Room 5H-047, Forrestal Building
Washington, DC 20585
(202) 586-5348

Responsible for managing the development, implementation, and evaluation of a national program of technology planning of research and development, test, and evaluation of hydroelectric, wind, and ocean energy. The Division also formulates and integrates the scientific, engineering, and technical requirements necessary to structure a feasible and effective research and development program.

47 Geothermal Division
 Allan Jelacic, Acting Director
 EE-122, Room 5H-065, Forrestal Building
 Washington, DC 20585
 (202) 586-5340

Responsible for managing the development, implementation, and evaluation of a national program of geothermal technology planning, research and development, and testing and evaluation, including scientific, engineering, and technical requirements.

48 Office of Solar Energy Conversion
 (Vacant), Director
 EE-13, Room 5H-072, Forrestal Building
 Washington, DC 20585
 (202) 586-1720

Directs and interprets policy objectives, and establishes management procedures for a balanced program of technology planning, research, and development that will foster the establishment of solar energy supply options for use by utilities and allied industries and institutions.

49 Photovoltaics Division
 James E. Rannels, Director
 EE-131, Room 5H-088, Forrestal Building
 Washington, DC 20585
 (202) 586-1721

Responsible for managing the development, implementation, and evaluation of a national photovoltaic energy program of technology planning, research, testing, and evaluation. The Division also formulates and integrates the scientific, engineering, and technical requirements to structure a feasible and effective photovoltaic research and development program.

50 Solar Thermal and Biomass Power Division
 Gary D. Burch, Director
 EE-132, Room 5H-088, Forrestal Building
 Washington, DC 20585
 (202) 586-8121

Responsible for managing the development, implementation, and evaluation of a national program of solar energy; thermal and biomass energy; and power technology planning, research, testing, and evaluation. The Division also formulates and integrates the scientific, engineering, and technical requirements to structure a feasible and effective research and development program.

51 Office of Energy Management
 (Vacant), Director
 EE-14, Room 6H-034, Forrestal Building
 Washington, DC 20585
 (202) 586-2826

Directs and interprets policy objectives for program planning, research and development, and management procedures fostering the establishment of advanced electric system options, providing improved analytical and planning methods, and additional knowledge of grid system impacts for use by utilities, allied industries, and institutions. The Office is also responsible for the development of advanced technology, design, and analytical techniques for use in district heating, shared energy cooperatives, and other community energy systems. The Office plays a key role in advanced energy concepts involving improved energy conversion or more efficient energy utilization for use by utilities and allied industries and institutions.

52 Utility Systems Division
 Robert H. Brewer, Director
 EE-141, Room 6H-034, Forrestal Building
 Washington, DC 20585
 (202) 586-2828

Plans and manages a balanced program of research, development, and evaluation that will result in new technologies to improve the generation and transmission of electricity, the reliability of electric networks, and the impacts resulting from the generating and transmission activities. The Division also researches new methods and techniques for addressing energy demand and supply options that will enable more efficient delivery and use of energy in community shared systems.

53 Advanced Utility Concepts Division
 Russell Eaton, III, Director
 EE-142, Room 6H-034, Forrestal Building
 Washington, DC 20585
 (202) 586-0205

Plans and manages a balanced program for technology research and development to provide the technology base enhancing the use of advanced utility concepts, such as superconductivity, conversion, or transmission options; electrochemistry; battery and storage in electrical utility load leveling; and industrial, commercial, and residential applications.

54 Office of the Deputy Assistant Secretary for Industrial Technologies
 Denise F. Swink, Deputy Assistant Secretary
 EE-20, Room 6B-052, Forrestal Building
 Washington, DC 20585
 (202) 586-9232

Develops and evaluates a national program of technology planning research and development, designed to increase energy end-use efficiency to promote renewable energy use in industrial applications and enhance industrial productivity. The program would also reduce industrial and municipal waste stream volume and associated environmental impact and hazard through selective support of

research and development leading to minimization, treatment, detoxification, and reuse of waste stream materials. The Office also identifies, supports, and transfers the results of research in combustion, heat transfer, thermodynamics, mechanics, materials chemistry processing, electrochemistry, and biocatalysis.

55 Office of Waste Reduction Technologies
Kurt D. Sisson, Acting Director
EE-22, Room 5F-035, Forrestal Building
Washington, DC 20585
(202) 586-6750

Develops and maintains a balanced program of research and development on generic technologies enhancing the reduction or utilization of wastes, the application of solar to industrial processes and the delivery of industrial energy with wide application throughout industry and agriculture. The program includes activities in waste heat recovery, improved thermal energy management, cogeneration systems, and waste products utilization and reduction, including municipal solid wastes and waste stream detoxification. The Office also performs analyses to identify future technological opportunities and impediments to deployment of proven energy-efficient technologies.

56 Industrial Energy Efficiency Division
Kurt D. Sisson, Acting Director
EE-221, Room 5F-035, Forrestal Building
Washington, DC 20585
(202) 586-6750

Manages the development, implementation, and evaluation of a national industrial energy efficiency program of technology planning, research, and development for waste heat recovery, thermal energy management, cogeneration, and combustion equipment.

57 Waste Material Management Division
Kurt D. Sisson, Director
EE-222, Room 5F-035, Forrestal Building
Washington, DC 20585
(202) 586-6750

Develops and maintains a balanced program of waste material management research and development to establish a technology base from which industry can develop feasible concepts for the reduction or utilization of industrial and municipal wastes and the use of solar for hazardous waste detoxification or industrial energy.

58 Implementation and Deployment Division
Kurt D. Sisson, Acting Director
EE-223, Room 5F-035, Forrestal Building
Washington, DC 20585
(202) 586-6750

Develops and maintains a balanced program to enhance energy efficiency in industry through the transfer of

advanced industrial technologies from completed and ongoing research and development to the private sector. Stimulates interest in energy management education. Provides direct technical assistance and information to the industrial sector through university energy analysis and diagnostic centers.

59 Office of Industrial Process Systems
Clifton Carwile, Director
EE-23, Room 5F-059, Forrestal Building
Washington, DC 20585
(202) 586-9487

Develops and maintains a balanced program of cost-shared research and transferring of new technologies with applications to the most energy intensive processes. Activities include the development of revolutionary high and low temperature technologies and the support of underlying scientific work in energy conversion.

60 Advanced Industrial Concepts Division
Peter H. Salmon-Cox, Acting Director
EE-232, Room 5F-059, Forrestal Building
Washington, DC 20585
(202) 586-9487

Develops and maintains a balanced, high-risk, long-term, interdisciplinary research program to improve energy efficiency and enhance fuel flexibility. The Division also identifies, supports, and transfers the results of research and provides evidence of technical feasibility of advanced industrial concepts in the areas of combustion, such as heat transfer, energy conversion, and bioprocessing.

61 Separations Division
Daniel E. Wiley, Director
EE-233, Room 5F-059, Forrestal Building
Washington, DC 20585
(202) 586-9488

Supports activities which reduce technical and/or economic risks preventing industry from investing in more energy-efficient processes, technologies, and practices. Cost-shares research and development projects which industry would not undertake on its own for a variety of reasons. Research and development projects particularly important in achievement of objectives include advanced energy-efficient separation technologies, such as membrane systems and solid and liquids concentration processes; improvement of sensors, measurement and control systems; and development of improved processes for low temperature industries, such as paper, chemicals, petroleum refining, food processing, and textiles.

62 Material Processing Division
 Matthew J. McMonigle, Director
 EE-234, Room 5F-059, Forrestal Building
 Washington, DC 20585
 (202) 586-5377

Conducts a balanced research and development program for energy intensive industrial processes, such as melting and casting and extracting material from rock and ore. Key industries include steel, aluminum, copper, magnesium, foundry, glass, and cement. The cross-cutting activity of refractory development, as well as research and development on non-metallic materials and process electrolysis, is also part of the research and development program.

63 Office of the Deputy Assistant Secretary for Transportation Technologies
 Thomas J. Gross, Acting Deputy Assistant Secretary
 EE-30, Room 6B-094, Forrestal Building
 Washington, DC 20585
 (202) 586-8027

Formulates, executes, and evaluates a national program of research and development for promising technologies that will improve fuel use efficiency and will result in displacement of petroleum by alternative fuels in the transportation sector. The Office evaluates economic, environmental, and energy policies and statutes; current and prospective domestic and international transportation energy demands and utilization; and appropriate application of Federal funds. The Office is responsible for defining and implementing programs that realize the economic and technical potential of advanced transportation technologies; reflect industrial, economic, and financial concerns; and account for the capabilities, decisions, and interests of energy users. The Office assures that transportation technologies are properly reflected in the formulation of national energy and economic policies. The Office coordinates national and international programs having a bearing upon the competitive position of U.S. industry.

64 Office of Propulsion Systems
 John J. Brogan, Director
 EE-32, Room 5G-030, Forrestal Building
 Washington, DC 20585
 (202) 586-1477

Interprets policy objectives and manages a balanced program of technology planning, research, development, and demonstration of advanced transportation propulsion systems, including electric, hybrid, and fuel cell vehicles. The objectives of this program are to apply the state-of-the-art in transportation technology, in partnership with industry, to significantly reduce the use of petroleum while improving air quality, increasing transportation efficiency, and improving national productivity.

65 Electric/Hybrid Propulsion Division
 Kenneth F. Barber, Director
 EE-321, Room 5G-030, Forrestal Building
 Washington, DC 20585
 (202) 586-2198

Manages the development, implementation, and evaluation of a national electric and hybrid propulsion research and development program designed to reduce consumption of petroleum and to provide fuel flexibility for highway vehicles. The Division is also responsible for analyzing performance data on fleet operations, transportation energy use, petroleum savings, and other benefits which may be derived from the use of electric vehicles.

66 Advanced Propulsion Division
 Thomas M. Sebestyen, Director
 EE-322, Room 5G-046, Forrestal Building
 Washington, DC 20585
 (202) 586-8012

Manages the development of a national advanced transportation, propulsion, and demonstration program of advanced engine and vehicular systems development. Manages projects advancing the state of technology which can be applied to future vehicle propulsion systems. Emphasizes technology research for advanced propulsion systems, such as ceramic gas turbines, adiabatic diesels, and low heat rejection designs, as well as research on fuels which could result in lower emissions while simultaneously improving fuel economy performance.

67 Office of Alternative Fuels
 John A. Russell, Acting Director
 EE-33, Room 5G-086, Forrestal Building
 Washington, DC 20585
 (202) 586-9118

Interprets policy objectives. Directs and manages a balanced program of technology planning, research, and demonstration of promising alternative-fuel vehicles and production technologies for alternative fuels. The Office examines both fuels and engines, and performs the necessary research, testing, information gathering, and data analyses to determine the least costly and most environmentally beneficial combinations. The most effective options for providing personal and freight mobility are identified and promoted.

68 Biofuels Systems Division
 John E. Ferrell, Acting Director
 EE-331, Room 5F-034, Forrestal Building
 Washington, DC 20585
 (202) 586-8072

Plans and manages a balanced program for technology research, development, testing, and evaluation which will foster the establishment of biofuels supply options.

The Division is also responsible for developing technologies to produce competitive alternative liquid and gaseous fuels, such as alcohols, biogasoline, and methane. The Division develops the necessary technologies to grow, harvest, and transport renewable feedstocks, as well as the technologies to convert these feedstocks to fuels.

69 Fuels Utilization Data and Analysis

Division

John A. Russell, Director
EE-332, Room 5G-086, Forrestal Building
Washington, DC 20585
(202) 586-8053

Develops and manages a balanced program to foster the use of fuels in the transportation sector. This program will provide industry and the technical community with reliable information and data on engine design parameters and trade-offs for potential fuel-engine options, and reliable and correlative data on performance and emissions. The Division also develops a technology base for the use of alternative fuels in both current and advanced engines. The Division conducts evaluation and demonstration activities according to the Alternative Motor Fuel Act of 1988, manages the program to increase alternative fuels in the Federal Fleet, and is responsible for the National Alternative Fuels Data Center.

70 Office of Advanced Transportation Materials

James J. Eberhardt, Director
EE-34, Room 5G-064, Forrestal Building
Washington, DC 20585
(202) 586-9837

Develops and manages a balanced research and development program for advanced materials and tribology technologies. This Office establishes the technology base necessary for: industrial production and development of reliable and cost-effective ceramic engine components; lightweight materials; and materials for use in alternative-fuel vehicles. Activities include materials and processing technology development, design methodology, materials data base life prediction, tribology development, and operation of the High Temperature Materials Laboratory at Oak Ridge, Tennessee.

71 Office of the Deputy Assistant Secretary for Building Technologies

Robert S. Kripowicz, Deputy Assistant Secretary
EE-40, Room 6A-081, Forrestal Building
Washington, DC 20585
(202) 586-1510

Formulates, executes, and evaluates a national program of technology planning, research, and development to support the private sector in increasing the energy efficiency of the Nation's residential, commercial, and

industrial buildings and enhancing the utilization of systems for building energy supply options. The Office performs energy efficiency planning and management programs for Federal buildings. The Office also provides associated information and financial incentives and performs regulatory functions as determined by the Federal Government.

72 Office of Building Energy Research

Louis V. Divone, Acting Director
EE-42, Room 6A-081, Forrestal Building
Washington, DC 20585
(202) 586-1660

Formulates and evaluates a national program of technology planning, research, and development to provide support to the private sector in increasing the energy efficiency of the Nation's residential, commercial, and industrial buildings and building equipment and enhancing the utilization of active and passive systems for solar energy technology. The Office also develops a comprehensive program to transfer technological advancement information to the private sector, facilitating decisions by energy users.

73 Building Systems and Materials Division

Richard H. Karney, Director
EE-421, Room 5E-098, Forrestal Building
Washington, DC 20585
(202) 586-9445

Develops and manages a balanced program of technology planning, research, and development to provide a technical basis for substantially increasing the energy efficiency of new and existing buildings. Division programs enhance private sector activities in the area of building energy sciences, including solar building technologies. These activities provide the scientific and technical basis upon which to advance knowledge of energy phenomena in buildings. The Division also develops a comprehensive program to transfer technological advancement information to the private sector, facilitating informed decisions by technology users.

74 Building Equipment Division

John D. Ryan, Director
EE-422, Room 5H-048, Forrestal Building
Washington, DC 20585
(202) 586-9130

Formulates, executes, and evaluates a national program of technology planning, research, and development to supply the private sector with the technological basis for developing and testing high efficiency and solar equipment used in the operation of residential and commercial buildings. The Division defines program activities that reflect energy-efficient potential and recognizes the nature of international competitiveness and the interests of the users. The Division also develops a comprehensive program to transfer equipment technology advancements and information

to the private sector, facilitating informed decisions by energy users.

75 Office of Codes and Standards

Michael J. McCabe, Director
EE-43, Room 1J-018, Forrestal Building
Washington, DC 20585
(202) 586-9127

Formulates programs to implement the legislative requirements for building energy performance standards and appliance efficiency standards. Implementation of the requirements of the Appliance Standards legislation requires the development, revision, and update of the DOE test procedures for consumer products. These procedures are used by manufacturers of major residential appliances to compute energy information needed for appliance energy guide labels. Comprehensive analysis is also performed for the purpose of setting maximum energy efficiency standards that are technologically feasible, economically justified, and conserve significant amounts of energy.

76 Appliance Division

Carl E. Adams, Director
EE-431, Room 1J-018, Forrestal Building
Washington, DC 20585
(202) 586-7140

Carries out the requirements of Public Law 94-163, as amended. Division program activities include the development of appliance test procedures, promulgation and implementation of appliance energy conservation standards and technical support and consumer education activities for the Federal Trade Commission appliance labeling program.

77 Buildings Division

Jean J. Boulin, Director
EE-432, Room 1J-018, Forrestal Building
Washington, DC 20585
(202) 586-0517

Carries out the requirements of Public Law 94-385, as amended by Public Law 97-35. Activities required include development of energy conservation standards for new buildings, development of demonstration projects, administration of rulemaking for building standards, and technical support of the U.S. Housing and Urban Development semi-annual reports to Congress on State/local implementation standards for new buildings.

78 Office of Federal Energy Management Programs

Mark B. Ginsberg, Director
EE-44, Room 5E-080, Forrestal Building
Washington, DC 20585
(202) 586-5772

Plans and manages energy conservation for the Federal Government. Specific objectives include reducing total energy consumption by the Federal Government; increasing efficiencies and reducing costs; altering the fuel mix within the Federal consumption total; enhancing the use of renewable energy fuels; and reducing dependence on imported fuels. The program attempts to set an example for the Nation by transferring the Federal energy experience to State and local governments and, ultimately, the private sector. The Office also develops and implements a comprehensive schedule for achieving legislative milestones and plans for effecting the required transfer of information.

79 Office of the Deputy Assistant Secretary for Technical and Financial Assistance

Mary E. Fowler, Acting Deputy Assistant Secretary
EE-50, Room 6A-049, Forrestal Building
Washington, DC 20585
(202) 586-9240

A primary mission of the Office of Technical and Financial Assistance (OTFA) is to assist the EE end-use sector offices in the market deployment, domestically and internationally, of energy efficiency and renewable energy technologies and practices. The Office manages and--in its relations with State and local governments--works through the 10 DOE regional support offices. The Office also plans, develops, and administers legislatively established nationwide programs of technical and financial assistance directed toward increased energy efficiency and renewable energy applications at the State and local levels.

DOE Regional Support Offices

Atlanta Support Office

Jim Powell, Acting Director
U.S. Department of Energy
730 Peachtree Street, N.E. #876
Atlanta, GA 30308
(404) 347-2837
Fax: (404) 347-3098

Boston Support Office

Hugh Saussy, Director
U.S. Department of Energy
1 Congress Street, Suite 1101
Boston, MA 02114
(617) 565-9700
Fax: (617) 565-9723

Chicago Support Office

Charles Baxter, Acting Director
U.S. Department of Energy
9800 South Cass Avenue
Argonne, IL 60439
(708) 252-2220
Fax: (708) 252-2071

Dallas Support Office
Dan Deaton, Acting Director
U.S. Department of Energy
1420 W. Mockingbird Lane, Suite 400
Dallas, TX 75247
(214) 767-7248
Fax: (214) 767-7231

Denver Support Office
Paul Kearns, Acting Director
U.S. Department of Energy
2801 Youngfield Street, Suite 380
Golden, CO 80401-2266
(303) 231-5750 Ext. 133
Fax: (303) 231-5757

Kansas City Support Office
James Alexander, Acting Director
U.S. Department of Energy
911 Walnut Street, 14th Floor
Kansas City, MO 64106
(816) 426-5533
Fax: (816) 426-6860

New York Support Office
Charles Baxter, Director
U.S. Department of Energy
26 Federal Plaza, Suite 3437
New York, NY 10278
(212) 264-6335
Fax: (212) 264-9805
Fax: (212) 264-2272

Philadelphia Support Office
Anthony Pontello, Acting Director
U.S. Department of Energy
1880 JFK Boulevard, Suite 501
Philadelphia, PA 19102-7483
(215) 656-6950
Fax: (215) 656-6981

San Francisco Support Office
Fred King, Acting Director
U.S. Department of Energy
1301 Clay Street, Room 1060N
Oakland, CA 94612-5219
(510) 637-1941
Fax: (510) 637-2017

Seattle Support Office
Kathy M. Vega, Director
U.S. Department of Energy
800 Fifth Avenue, Suite 3950
Seattle, WA 98104
(206) 553-2157
Fax: (206) 553-2200

80 **Office of National Programs**
Terry M. Levinson, Acting Director
EE-52, Room 5E-052, Forrestal Building
Washington, DC 20585
(202) 586-9104

Manages, through the regional support offices, statutory technical and financial assistance programs to support the development and implementation of comprehensive energy programs by State and local governments; these activities include, also, targeted information services. Through cooperative agreements or similar mechanisms, works in partnership with States, local governments, the private sector, and other Federal agencies to carry out targeted technology demonstration and deployment projects. Provides technical and business planning assistance to entrepreneurs and innovators working in energy-related activities. Addresses public information, education, and other obstacles to the adoption of specific energy efficiency and renewable energy technologies. Administers the Regional Biomass Program. The Office also manages the Petroleum Violation Escrow Oversight Program.

81 **Inventions and Innovation Division**
Terry M. Levinson, Director
EE-521, Room 5E-052, Forrestal Building
Washington, DC 20585
(202) 586-1479

Carries out programs of support for development of technologies outside the Federal research and development system. Two principal programs, the Energy-Related Inventions Program (ERIP) and the Innovative Concepts Program (ICP), help non-Federal entities to identify, evaluate, and provide financial and technical support for inventions and innovations that may have a significant impact on energy production or utilization. The ERIP staff provides assistance, such as technology commercialization education, technical support, grants, and introductions to other sources of assistance, to advance the prospects of commercialization of the recommended technologies. ERIP invites independent and small company inventors to submit invention development proposals under a permanent, open solicitation. The Division then performs a technical evaluation of the invention disclosure submission, and, on the basis of technical merit and energy impact potential, recommends the most promising inventions to DOE for consideration of support. ERIP, established by the Federal Non-Nuclear Research and Development Act of 1974 (P.L. 93-577), is a joint effort of the National Institute of Standards and Technology (NIST) and DOE. The other program, ICP, identifies innovative concepts for saving energy and improving industrial productivity; provides small contracts to support concept development; and conducts activities to locate other sources of assistance to develop the technologies beyond the concept stage.

82 State Energy Programs Division
Ernestine L. Gibson, Acting Director
EE-522, Room 5E-052, Forrestal Building
Washington, DC 20585
(202) 586-9187

Administers the State Energy Conservation Program (SECP) authorized by the Energy Policy and Conservation Act (EPCA) and the Energy Extension Service (EES) established by the National Energy Extension Service Act (NEESA). The Division works through regional, State, and local government organizations to encourage energy conservation and the adoption of renewable resources among energy users. The Division also promotes the best uses of energy technologies and techniques and the national dissemination of information on energy technologies and techniques. The EES was recently repealed by Public Law 102-486, the Energy Policy Act of 1992. DOE is encouraging States to incorporate EES functions (providing small-scale energy users with personalized information and technical assistance) into a more broadly defined SECP.

83 Office of Grants Management
Jean Van Vlandren, Director
EE-53, Suite 220
600 Maryland Avenue, SW
Washington, DC 20585
(202) 426-1698

Manages, through the DOE regional support offices, the Institutional Conservation and Weatherization Assistance Programs. Provides information, technical consultation, and financial assistance for improving energy efficiency processes, systems, and practices in buildings used or occupied by specific groups, such as schools, hospitals, residences of the elderly and the low income, and other sectors of high energy dependence. The Office also manages the Geothermal Loan Guarantee Program.

84 Institutional Conservation Program Division
Robert K. Volk, Jr., Director
EE-531, Room 5G-063, Forrestal Building
Washington, DC 20585
(202) 586-8034

Develops and administers DOE's conservation programs to increase the level of energy efficiency and the use of alternative energy sources in public and private nonprofit school and hospital buildings. The Division promotes energy conservation in all energy systems of these institutions and tries to reduce the expenditure of funds for nonrenewable energy resources. The Division administers Title III of the National Energy Conservation Policy Act (NECPA); encourages energy efficiency in the buildings of eligible institutions; gathers and maintains data on institutional buildings supported through these

assistance activities; and determines the potential for renewable applications in these buildings. The Division also reviews, aggregates, and analyzes the States' data regarding these institutions and reports to DOE, Congress, and the public progress made by these institutions in improving energy efficiency.

85 Weatherization Assistance Program Division
Jeanne Van Vlandren, Director
EE-532, Suite 220
600 Maryland Avenue, SW
Washington, DC 20585
(202) 426-1698

Develops and implements a national program to weatherize the homes of low-income persons, the elderly, and the handicapped. The program promotes the installation of energy-efficient devices and provides training and technical assistance to State and local governments, Indian tribes, and program beneficiaries. The Division implements the Weatherization Assistance Program authorized by the Energy Conservation and Production Act (ECPA), as amended, and conducts the energy conservation programs of the Federal Government.

86 Office of Technical Assistance
Ronald W. Bowes, Director
EE-54, Room 5E-036, Forrestal Building
Washington, DC 20585
(202) 586-5517

Develops national and international programs that provide technical assistance to a wide range of energy users and to renewable energy and energy efficiency industries. The Office coordinates the resources of public and private sector organizations to enhance the role of U.S. energy technologies in the world marketplace and provides technical assistance and information to energy users and their intermediaries, local governments, and trade and professional associations to increase the use of energy-efficient and renewable energy technologies.

87 Office of Management and Resources
Marvin E. Gunn, Jr., Acting Director
EE-60, Room 6C-036, Forrestal Building
Washington, DC 20585
(202) 586-6768

Serves as the management policy development, implementation, and oversight arm of the Assistant Secretary. Acts as a consultant and advisor to the Assistant Secretary and line organizations in areas such as: management policy, budget preparation and execution; program management review; facilities coordination and utilization; internal/external communications; and administrative support.

88 Management Systems Institutional Interactions Division
 Daniel F. Janssen, Director
 EE-62, Room 6B-042, Forrestal Building
 Washington, DC 20585
 (202) 586-2818

Provides direct staff assistance to the immediate Office of the Assistant Secretary and the program offices under his/her supervision in the development and implementation of management programs designed to assure maximum utilization of total EE resources and coordination of institutional activities, such as internal/external liaison and information dissemination services; implementation of the Federal Managers' Financial Integrity Act; Inspector General/General Accounting Office reviews; organizational reviews; and manpower planning and utilization, skill assessment, and support service usage reviews. In addition, the Division is responsible for a full range of administrative support services for the EE program offices.

89 Budget and Financial Management Division
 Fred Glatstein, Director
 EE-63, Room 6B-018, Forrestal Building
 Washington, DC 2058
 (202) 586-9262

Provides direct staff assistance to the immediate Office of the Assistant Secretary and the program offices in a broad range of budget and financial management areas, including budget preparation and execution, development of budget and acquisition strategies, procurement and financial assistance, and loan guarantees.

90 Facilities and Systems Coordination Division
 Ted L. Kurkowski, Director
 EE-64, Room 6B-113, Forrestal Building
 Washington, DC 20585
 (202) 586-9273

Assigned departmental responsibility for the institutional development and maintenance of the National Renewable Energy Laboratory as well as other EE-specific facilities at Oak Ridge National Laboratory, Sandia National Laboratory, Argonne National Laboratory, Lawrence Berkeley Laboratory, Pacific Northwest Laboratory, and other national laboratories. In addition, the Division is responsible for development, implementation, and coordination of environmental, safety and health, and quality assurance programs under the Office of the Assistant Secretary.

91 Office of Planning and Assessment
 Marvin E. Gunn, Jr., Acting Director
 EE-70, Room 6C-036, Forrestal Building
 Washington, DC 20585
 (202) 586-6768

Directs strategic planning, program and technology multiyear planning, and program and policy evaluation for the Office of Energy Efficiency and Renewable Energy and serves as the lead office within EE for establishing and maintaining a coordinated and consistent national program for the data, models, and applied analysis necessary for sector program integration. The Office also provides the Assistant Secretary with independent analytic support for strategic and topical issues impacting near-term program composition, policy-related Federal or State legislation, and regulation of energy markets.

92 Office of Alcohol Fuels
 (Vacant), Director
 EE-80, Room 6C-016, Forrestal Building
 Washington, DC 20585
 (202) 586-9220

Manages departmental programs of Federal assistance for alcohol fuels production. Develops, executes, and administers Federal assistance programs. Monitors the market and encourages the development and utilization of alcohol fuels. Acts as primary coordinator for alcohol fuels assistance programs with the Department of Agriculture and other Federal agencies. Acts as liaison with State and local governments.

93 Office of the Assistant Secretary for Environment, Safety and Health (EH)
 Tara O'Toole, Assistant Secretary
 EH-1, Room 7A-097, Forrestal Building
 Washington, DC 20585
 (202) 586-6151

Promotes environmental, health, and safety and security programs at all DOE sites. The Office manages a wide range of health studies, including epidemiological studies, medical monitoring of DOE's workforce, and international radiation effects research. The Office conducts independent oversight activities that provide a comprehensive and accurate understanding of the state of environment, safety, and health performance of DOE's sites. The Assistant Secretary also serves as the principal liaison with other Federal agencies concerning development of applicable environment, safety, and health policy and regulations.

94 Office of the Deputy Assistant Secretary for Oversight
 Glenn S. Podonsky, Deputy Assistant Secretary
 EH-2, Room C-303
 19901 Germantown Road
 Germantown, MD 20585
 (301) 903-3777

Provides information and analysis needed to ensure that the Secretary, DOE and contractor management, and the public have an accurate, comprehensive understanding of the effectiveness, vulnerabilities, and trends of DOE's environmental, safety and health, and

safeguards and securities policies and programs. Multidisciplinary teams conduct scheduled inspections and reviews that follow an established process from planning through execution, validation, closure and follow-up. Trained and certified Site Residents provide day-to-day monitoring at DOE sites to maintain the currency of the effectiveness of environment, safety, health, safeguards and security policies and programs.

95 Office of the Deputy Assistant Secretary for Nuclear and Facility Safety
Orin Pearson, Deputy Assistant Secretary
EH-3, Room 7A-121, Forrestal Building
Washington, DC 20585
(202) 586-2407

Provides policy and technical assistance to DOE through the analysis of facility operations, assistance to program managers in implementing nuclear safety assurance programs, and the development of policies and standards. The Office reviews accidents and incidents, risk assessments, emergency preparedness plans, and implementation of DOE safety standards including radiological protection. Facility operating experiences are analyzed for feedback and lessons learned, and vulnerability assessments are conducted of selected high-priority safety issues. A cadre of technical experts provides assistance to all facilities to promote and further improve safety. The Office also develops and interprets nuclear safety policy for DOE facilities, including enforcement of potential safety violations under the Price-Anderson Amendments Act of 1988.

96 Office of the Deputy Assistant Secretary for Environment
Raymond Berube, Deputy Assistant Secretary
EH-4, Room 7A-075, Forrestal Building
Washington, DC 20585
(202) 586-5680

Responsible for protecting the public and the environment by helping DOE meet current and anticipated environmental compliance requirements. Establishes DOE's overall policies for environmental protection, with a goal of avoiding environmental or compliance problems. Areas of focus include hazardous waste management and cleanup under the Resource Conservation and Recovery Act/Comprehensive Environmental Response Compensation and Liability Act, as well as air, water, radiation and environmental protection laws, regulations, and standards. Coordinates DOE policy on emerging environmental requirements, and is responsible for seeing that proposed actions by DOE program and field Offices comply with the National Environmental Policy Act and related environmental requirements such as the National Historic Preservation Act and Endangered Species Act.

97 Office of the Deputy Assistant Secretary for Worker Health and Safety Assurance
Joseph Fitzgerald, Jr., Deputy Assistant Secretary
EH-5, Room 5129, 270 Corporate Center
Germantown, MD 20874
(301) 903-5532

Manages comprehensive programs to help DOE improve the health and safety of workers at all DOE facilities. It establishes state-of-the-art programs, policies, and guidelines that protect workers from exposure to occupational injury and illness, including Occupational Safety and Health Administration interpretations and training to protect cleanup workers. Experts in diverse safety fields such as industrial, hygiene, health physics, and construction safety provide assistance to line program management. Trend analyses and lessons learned from accident investigations and corrective actions identify areas requiring assistance. The Office works in partnership with line program personnel to develop integrated, comprehensive, and field-tested policy, standards, and guidance for programs to enhance hazardous waste worker protection, with an emphasis on direct field assistance and practical solutions.

98 Office of the Deputy Assistant Secretary for Health Studies
Paul Seligman, Deputy Assistant Secretary
EH-6, Room 4119, 270 Corporate Center
Germantown, MD 20874
(301) 903-7030

Promotes the health and safety of DOE workers and communities by developing medical information and epidemiologic studies that prevent illness and injury. Develops DOE policies and standards for occupational medicine and medical surveillance, communicates the results of epidemiologic and surveillance data to workers and the public, and provides leadership development of a comprehensive epidemiologic research strategy focused on prevention of illness and injury. The Office funds and oversees epidemiologic studies on groups outside of the United States who have been exposed to ionizing radiation, including the Radiation Effects Research Foundation, and manages health services provided to the Marshall Islanders who were exposed to radiation as a consequence of atmospheric nuclear testing in the Pacific.

99 Energy Information Administration (EIA)
Office of the Administrator
Jay E. Hakes, Administrator
EI-1, Room 2H-027, Forrestal Building
Washington, DC 20585
(202) 586-4361

Responsible for the management of EIA, which collects, evaluates, and disseminates data pertaining to energy resources, reserves, production, and demand.

100 Office of Oil and Gas
Diane Lique, Director
EI-40, Room 2H-058, Forrestal Building
Washington, DC 20585
(202) 586-6401

Designs, develops, and maintains oil and gas statistical data and current and short-term analytical and forecasting information systems. The Office also performs data collection, quality control, processing analyses, short-term forecasting, and report preparation activities associated with these energy sources.

101 Petroleum Supply Division
Charles C. Heath, Director
EI-42, Room 2G-020, Forrestal Building
Washington, DC 20585
(202) 586-6860

Designs, develops, and maintains statistical and short-term forecasting information systems for crude oil and refined petroleum products. Performs data collection, processing, current analyses, and short-term forecasting, and report preparation activities associated with the availability of crude oil and refined petroleum products.

102 Petroleum Marketing Division
John S. Cook, Director
EI-43, Room 2G-051, Forrestal Building
Washington, DC 20585
(202) 586-5214

Designs, develops, and maintains crude oil and refined petroleum product price and marketing statistical information systems. Performs data collection, quality control, processing, current and short-term analyses and forecasting, and report preparation activities associated with crude oil and petroleum products markets.

103 Reserves and Natural Gas Division
Joan Heinkel, Director
EI-44, Room BE-054, Forrestal Building
Washington, DC 20585
(202) 586-6090

Designs, develops, and maintains statistical and short-term forecasting information systems for domestic oil and gas reserves and production, and on the natural gas industry. Performs data collection, processing, analyses, short-term forecasting, and report preparation activities associated with oil and gas reserves and production, and all aspects of natural gas markets.

104 Office of Coal, Nuclear, Electric and Alternate Fuels
John C. Geidl, Director
EI-50, Room 6070, Comsat Building
950 L'Enfant Plaza
Washington, DC 20585
(202) 426-1200

Designs, develops, and maintains coal, nuclear, electric, and alternate fuels statistical data and short-term analytical and forecasting information systems. The Office also performs data collection, quality control, processing analyses, short-term forecasting, and report preparation activities associated with these energy sources.

105 Coal and Electric Data and Renewables Division
Howard L. Walton, Director
EI-52, Room 6033, Comsat Building
950 L'Enfant Plaza
Washington, DC 20585
(202) 426-1223

Designs, develops, and maintains coal, nuclear, electric and alternative fuels data collection surveys. Prepares publications containing these data and provides information for the National Energy Modeling System (NEMS) and other EIA forecasting models. Provides statistical interpretation, analyses, and support to other DOE offices, Federal agencies, Congress, and the public for these energy sources.

106 Analysis and Systems Division
Robert M. Schnapp, Director
EI-53, Room 6073, Comsat Building
950 L'Enfant Plaza
Washington, DC 20585
(202) 426-1211

Designs, develops, and maintains statistical information and short-term forecasting systems related to coal, nuclear, electric and alternate fuels. Assesses existing and potential resources and reserves, analyzes historical trends, produces forecasts for the short-term, performs quality control, and improves and maintains systems for data collection and analyses.

107 Office of Energy Markets and End Use
Webster C. Kilgore, Director
EI-60, Room 2G-090, Forrestal Building
Washington, DC 20585
(202) 586-1617

Conducts analyses and provides short-term forecasts of energy markets. Monitors energy markets and maintains a contingency planning capability for use in case of emergency. Maintains integrated energy statistics and surveys energy consumption trends in each sector of the economy. Performs financial analyses of energy companies and tracks their invest-

ment trends. Designs, develops, and maintains energy statistical and short-term forecasting information systems concerning consumption and subjects which cut across energy sources.

108 Energy Markets and Contingency

Information Division
Mark Rodekohr, Director
EI-62, Room 2G-060, Forrestal Building
Washington, DC 20585
(202) 586-1130

Performs analyses and short-term forecasting of world oil markets and energy demand patterns and prices and assesses the principal factors that affect these patterns. Acts as the center for the collection, analyses, and interpretation of enterprise-level financial and operating data within the EIA. Prepares and implements a program for the collection, evaluation, processing, and presentation of international energy data.

109 Energy End Use and Integrated Statistics Division

Lynda T. Carlson, Director
EI-63, Room 2F-065, Forrestal Building
Washington, DC 20585
(202) 586-1112

Designs, develops, tests, maintains, and documents energy consumption surveys and information systems which provide accurate and consistent data on energy end use in the residential, commercial, transportation, and industrial sectors. Provides monthly and annual integrated energy statistics for all sources of energy. Develops historical and current preliminary estimates of energy supply and disposition balances and energy prices and expenditures data and interprets trends and events.

110 Office of Statistical Standards

Yvonne M. Bishop, Director
EI-70, Room 7029, Comsat Building
950 L'Enfant Plaza
Washington, DC 20585
(202) 426-1068

Develops statistical policies for the EIA and provides technical assistance in survey design and statistical analyses. Assesses the quality and relevance of energy information and the processes used to collect, analyze, and forecast it. Coordinates EIA's statistical programs with the Office of Management and Budget, other Federal agencies, and academic and professional groups.

111 Quality Assurance Division

Douglas R. Hale, Director
EI-72, Room 7032, Comsat Building
950 L'Enfant Plaza
Washington, DC 20585
(202) 426-1074

Conducts data and model audits to assess the basic soundness of EIA's data systems and models; conducts data and model evaluations to assess the quality, relevance, and soundness of published statistics and the economic foundations of models and their mathematical and statistical properties; analyzes data systems and models and recommends improvements; compares EIA's data to other available data and, where applicable, identifies inconsistencies, the possible reasons, and solutions to address any problems; and conducts applied research in areas pertinent to the quality needs of EIA; and identifies needs for new standards or revisions to old standards and participates in their development and implementation.

112 Data Standards and Services Division

John Gross, Director
EI-73, Room 7031, Comsat Building
950 L'Enfant Plaza
Washington, DC 20585
(202) 426-1071

Writes standards for EIA's data collection, processing, publication, analysis and forecasting activities; identifies need for changes to existing standards and prepares necessary standards and related materials; develops supplementary materials to assist EIA in standards-related areas; manages the public-use clearance process for the DOE's energy information collections; directs the energy respondent burden control program; maintains a glossary of energy and energy-related terms and definitions for use by EIA; conducts various programs to assess standards compliance and recommends actions to achieve compliance; and maintains EIA's Data Resources Directory (DRD), and metadata system with descriptions of forms, models, systems, and energy-related terms and definitions.

113 Office of Integrated Analysis and Forecasting

Mary J. Hutzler, Director
EI-80, Room 2F-081, Forrestal Building
Washington, DC 20585
(202) 586-2222

Conducts forward-looking analyses and develops forecasts of alternative energy futures. Develops, applies, and maintains the National Energy Modeling System (NEMS) and other modeling systems needed to analyze and illuminate the complex interactions of the demand, conversion, and supply for all energy sources

and their economic and environmental emplacements. Performs analytical studies of integrated energy markets and how they are affected by alternative energy policies and other parameters. Prepares mid- and long-term forecasts of energy markets, penetration of new technologies, and changes in energy, environmental, and macroeconomic policies and international developments. Publishes regular reports and special reports as requested. Coordinates with other EIA offices to maintain data systems needed for inputs to integrated analysis forecasting models and analyses. Designs and implements a voluntary reporting system for greenhouse gas emissions and produces reports analyzing the results, according to the requirements of the Energy Policy Act of 1992.

114 Energy Demand and Integration Division
Arthur T. Andersen, Director
EI-81, Room 2F-081, Forrestal Building
Washington, DC 20585
(202) 586-1441

Conducts forward-looking analyses of energy demand; generates mid-term and long-term forecasts of energy demand; and develops the demand components of the National Energy Modeling System (NEMS) and other mid- and long-term models. Produces mid- and long-term forecasts of macroeconomic and international markets and evaluates policies in these areas. Designs and implements a voluntary reporting system for greenhouse gas emissions and produces reports analyzing the results, according to the requirements of the Energy Policy Act of 1992.

115 Energy Supply and Conversion Division
Scott B. Sitzer, Director
EI-82, Room 2H-034, Forrestal Building
Washington, DC 20585
(202) 586-2308

Conducts forward-looking analyses of energy supply and conversion activities, including electricity and refining; generates mid- and long-term forecasts of energy supply and conversion; and develops the energy supply and conversion components for NEMS and other mid- and long-term models dealing with production, distribution, and conversion of all energy sources.

116 Office of the Assistant Secretary for Environmental Management (EM)
Thomas Grumbly, Assistant Secretary
EM-1, Room 5A-014, Forrestal Building
Washington, DC 20585
(202) 586-7710

Responsible for directing all environmental management activities at DOE's nuclear weapon sites, including waste management operations, environmental restoration, environmental compliance, related tech-

nology development and demonstration activities, nuclear materials and facilities stabilization.

117 Office of the Deputy Assistant Secretary for Compliance and Program Coordination
Randal S. Scott, Deputy Assistant Secretary
EM-20, Room 5B-024, Forrestal Building
Washington, DC 20585
(202) 586-8754

Performs internal oversight to assure proper application of environmental laws and regulations in connection with waste management operations, environmental restoration, and technology development activities managed and performed by line program offices.

118 Office of Transportation, Emergency Management and Analytical Services
Richard W. Brancato, Director
EM-26, Germantown Building
Washington, DC 20585
(301) 903-7278

Responsible for supporting programs and activities that crosscut all offices within EM in the areas of transportation management, emergency management, laboratory analysis and samples, and liaison and communications support. In transportation management and transportation emergency management, responsibilities are departmentwide.

119 Office of the Deputy Assistant Secretary for Waste Management
Jill E. Lytle, Deputy Assistant Secretary
EM-30, Room 5B-040, Forrestal Building
Washington, DC 20585
(202) 586-0370

Responsible for all DOE facilities, operations, or sites that are used for the storage, treatment, or disposal of radioactive, hazardous waste materials that have been packaged and labeled, or used exclusively for long-term storage of DOE waste materials. Excepted are facilities, operations, or sites under the direction of the DOE Office of Civilian Radioactive Waste Management.

120 Office of Technical Support
Joseph A. Coleman, Director
EM-32, Room 365
12800 Middlebrook Road
Germantown, MD 20874
(301) 903-7410

Responsible for activities supporting waste management operations at multiple sites. Also responsible for planning and coordinating waste minimization activities at DOE sites.

121 Office of Program Integration, Waste Management
 James A. Turi, Director
 EM-33, Room 376
 12800 Middlebrook Road
 Germantown, MD 20874
 (301) 903-7147

Provides administrative management and financial support to the line organizations that comprise the Office of Waste Operations.

122 Office of Waste Isolation Pilot Plant Program (WIPP)
 Mark W. Frei, Director
 EM-34, Room 323
 12800 Middlebrook Road
 Germantown, MD 20874
 (301) 903-7201

Responsible for policy, guidance and strategy for the disposal of DOE transuranic waste at WIPP.

123 Office of Western Waste Operations
 (Vacant), Director
 EM-35, Room 224
 12800 Middlebrook Road
 Germantown, MD 20874
 (301) 903-7105

Responsible for programs involving waste management at DOE sites, including treatment, storage, transportation, and disposal of high-level, transuranic, and low-level radioactive waste; hazardous waste; mixed radioactive and hazardous waste; and sanitary waste in compliance with Federal, State, and local regulations and DOE Orders.

124 Office of the Deputy Assistant Secretary for Environmental Restoration
 John E. Baublitz, Acting Deputy Assistant Secretary
 EM-40, Room 5B-050, Forrestal Building
 Washington, DC 20585
 (202) 586-6331

Manages programs to ensure that risks to human health and the environment posed by DOE's past operations at its nuclear facilities and sites are eliminated or reduced to prescribed, safe levels. Assesses and cleans up these sites and facilities contaminated with radioactive, hazardous, and mixed waste.

125 Office of Eastern Area Programs
 James J. Fiore, Director
 EM-42, Quince Orchard Building
 U.S. Department of Energy
 Washington, DC 20585
 (301) 427-1737

Manages remedial actions at inactive sites and surplus DOE facilities and the decontamination and decommissioning programs implemented in the operations offices in Chicago, Oak Ridge, and Savannah River.

126 Office of Program Support, Environmental Restoration
 William Wisenbaker, Jr., Director
 EM-43, Room 476
 Quince Orchard Building
 U.S. Department of Energy
 Washington, DC 20585
 (301) 427-1619

Provides administrative, management, and financial support to line organizations that compose the Office of Environmental Restoration.

127 Office of Northwestern Area Programs
 Sally A. Robison, Director
 EM-44, Room 534
 Quince Orchard Building
 U.S. Department of Energy
 Washington, DC 20585
 (301) 427-1757

Provides direction and oversight of remedial actions at inactive sites and surplus DOE facilities and manages the decontamination and decommissioning programs implemented in the operations offices in Idaho, Richland, Chicago, and Oakland.

128 Office of Southwestern Area Programs
 Ralph G. Lightner, Director
 EM-45, Room 548
 Quince Orchard Building
 U.S. Department of Energy
 Washington, DC 20585
 (301) 427-1787

Provides direction and oversight of remedial actions at inactive sites and surplus DOE facilities and manages the decontamination and decommissioning programs implemented in the Albuquerque, Rocky Flats, and Nevada Operations Offices.

129 Office of the Deputy Assistant Secretary for Technology Development
 Clyde W. Frank, Deputy Assistant Secretary
 EM-50, Room 5B-014, Forrestal Building
 Washington, DC 20585
 (202) 586-6382

Manages and directs programs and activities to establish and maintain an aggressive national program for applied research and development to resolve major technical issues and rapidly advancing current technologies for environmental restoration and waste management operations.

130 Office of Technology Transfer and Program Integration
John M. Lankford, Acting Director
EM-52, Room 432
12800 Middlebrook Road
Germantown, MD 20874
(301) 903-7924

Responsible for the transfer of environmental technologies into EM from industry, academia, and other government agencies, and for facilitating the transfer to industry and commercialization of technologies developed by the Office of Technology Development. The Office is responsible for providing management and program integration and engineering analysis support in the formulation and implementation of the environmental research and technology development programs implementation of environmental research and technology development programs within the Office of Technology Development. It is also responsible for coordination and planning engineering activities with other EM organizations.

131 Office of Research and Development
Stephen C. T. Lien, Director
EM-53, Room 412
12800 Middlebrook Road
Germantown, MD 20874
(301) 903-7911

Responsible for the development of an applied research and development program at DOE sites across the Nation. Programs will be designed to identify operational needs in the areas of environmental restoration and waste management operations beyond currently available technologies and to provide solutions to key technical issues that, if not solved in a timely manner, will adversely affect DOE's ability to meet its 30-year cleanup goal.

132 Office of Demonstration Testing and Evaluation
William S. Schutte, Director
EM-54, Room 470
12800 Middlebrook Road
Germantown, MD 20874
(301) 903-8621

Responsible for the identification of technologies in the research and development stage that are amendable to transition to technology demonstration projects.

133 Office of Special Programs
Richard W. Brancato, Director
EM-56, Room 461
12800 Middlebrook Road
Germantown, MD 20874
(301) 903-7278

Responsible for supporting programs and activities that crosscut all offices within EM in the areas of

transportation management, emergency management, laboratory analysis of samples, and liaison and communications support. In transportation management and transportation energy management, responsibilities are DOE-wide.

134 Office of Energy Research (ER)
Office of the Director
Martha A. Krebs, Director
ER-1, Room 7B-058, Forrestal Building
Washington, DC 20585
(202) 586-5430

Carries out a broad range of advisory, coordination, and program management activities related to DOE's energy research and development missions. Supports a broad spectrum of research in the basic energy sciences, high energy and nuclear physics, magnetic fusion energy, and biomedical and environmental sciences. Advises the Secretary on science and technology policy; assesses DOE's research and development programs for duplication or gaps; and serves as focal point for coordination with other agencies in science and technology.

135 Office of Planning and Analysis
Philip M. Stone, Director
ER-5, Room 3H-055, Forrestal Building
Washington, DC 20585
(202) 586-9942

Assists the Director of ER in managing energy research and development programs and advising the Secretary on the status of civilian research and development. Supports the Director in presenting DOE's research programs to the public and in coordinating the science and technology program with other organizations.

136 Office of Laboratory Policy and Infrastructure Management
Antoinette Joseph, Director
ER-7, Room 3F-077, Forrestal Building
Washington, DC 20585
(202) 586-5447

Responsible for management oversight processes and crosscutting assessments of institutional activities within the DOE multiprogram and program-dedicated laboratories including infrastructure management, institutional planning work for others, laboratory appraisals, and laboratory directed research and development.

137 Office of Environment, Safety and Health Technical Support
Charles W. Billups, Acting Director
ER-8, Room E-238
19901 Germantown Road
Germantown, MD 20874-1290
(301) 903-4097

Plans, develops, manages, and implements a central energy research environmental protection, safety, and health protection (ES&H) technical support program. The overall purpose and aim of this program is to ensure protection of the environment and the health and safety of the public, provide a safe and healthful work place, and protect Government property against accidental loss and damage.

138 Office of Basic Energy Sciences
Iran Thomas, Acting Associate Director
ER-10, Room J-304
19901 Germantown Road
Germantown, MD 20858
(301) 903-3081

Manages a basic research program covering a broad spectrum of scientific disciplines, which produces scientific and technical knowledge needed to develop future energy technology options; supports research leading to new materials, processes, instruments, and techniques useful in energy technologies; explores advanced energy concepts not currently included within departmental energy technology organizational components; contributes to the base of fundamental science in the United States; provides and safely operates national advanced research facilities.

139 Material Sciences Division
Iran L. Thomas, Director
ER-13, Room J-317
19901 Germantown Road
Germantown, MD 20855
(301) 903-3427

Funds and administers Metallurgy and Ceramics Research programs in the preparation and study of properties of new materials for improvement and control of chemical composition and structure; controlling, predicting and changing mechanical, surface, and other physical properties; and controlling properties of engineering materials and the effects of radiation. Also funds and administers Solid State Physics and Materials Chemistry Research programs in superconductivity, neutron scattering, new materials preparation, experimental studies, and theoretical modeling of optical, thermal, electronic, magnetic, and other properties of solids, engineering physics, high temperature and surface properties of solids, mass transport, chemical structure, and engineering chemistry.

140 Chemical Sciences Division
Robert S. Marianelli, Director
ER-14, Room G-334
19901 Germantown Road
Germantown, MD 20855
(301) 903-5804

Funds and Administers the programs of the most basic and long-range energy-related chemical sciences research areas (e.g., photochemistry, radiation

chemistry, hot atom chemistry, chemical dynamics, theoretical chemistry, many types of spectroscopy, and the physics of ions atoms and molecules). Funds and administers programs that emphasize research in areas of chemical sciences needed to lead and assist in the advancement of energy technologies (e.g., the chemistry of various types of coals; heterogeneous and homogeneous catalysis; chemical thermodynamics; actinide chemistry; chemical basics of converting carbohydrates to liquid and gaseous fuels; separation of fuel substances before and after use; analytical chemistry; and chemical engineering sciences, such as dynamics of fluidized bed combustion). The Division funds and operates major user facilities providing unique capabilities for researchers.

141 Engineering and Geosciences Division
William Luth, Acting Director
ER-15, Room G-363
19901 Germantown Road
Germantown, MD 20855
(301) 903-5822

Supports DOE's central fundamental research activities in the engineering and geoscience disciplines conducted by universities, Federal laboratories, and industrial firms throughout the United States. In engineering research, emphasis is given to analysis, control, and improvement of systems for transport of heat and fluids and for materials processing. In geoscience research emphasis is given to the geophysics and geochemistry of rock/fluid systems.

142 Energy Biosciences Division
Gregory Dilworth, Acting Director
ER-17, Room G-358
19901 Germantown Road
Germantown, MD 20855
(301) 903-2873

Funds and administers research activities of the Energy Biosciences subprogram conducted in universities, National laboratories, nonprofit institutions, and industry. Funds fundamental research in the plant and microbial sciences that will underpin new biotechnologies relating to energy matters. Coordinates research efforts in energy bioscience matters with those of other DOE elements through the Bioenergy Coordinating Committee.

143 Office of High Energy and Nuclear Physics
Wilmot N. Hess, Associate Director
ER-20, Room H-410
19901 Germantown Road
Germantown, MD 20874-1290
(301) 903-3713

Provides effective planning, funding, and management of DOE's High Energy Physics and Nuclear Physics Research programs. Assists the Director of ER in the establishment of research policies for these areas of basic sciences and funds meritorious research programs

at Federal laboratories, universities, and industrial institutions. Provides scientific and technical knowledge for development of technology options and technology transfer of those projects which show high promise of becoming important as energy technologies. Develops and executes procedures to ensure that the Nation's high energy and nuclear physics facilities are operated efficiently and reliably to meet the research needs of the near future and to ensure that new or upgraded facilities are designed and constructed as needed for the future health and vitality of these fields. Pursues international collaboration in all phases of high energy and nuclear physics.

144 High Energy Physics Division

John R. O'Fallon, Director
ER-22, Room G-454
19901 Germantown Road
Germantown, MD 20874-1290
(301) 903-3624

Funds and administers the DOE-sponsored research efforts in high energy physics conducted in universities, Federal laboratories, and industrial organizations. Serves as Executive Agent for the U.S. High Energy Physics Program. Maintains liaison and coordinates the U.S. High Energy Physics program with those of other nations and assists in the formulation and administration of formal international agreements of collaboration with other nations.

145 Nuclear Physics Division

David L. Hendrie, Director
ER-23, Room G-417
19901 Germantown Road
Germantown, MD 20874-1290
(301) 903-3613

Funds and administers the Nuclear Physics Program conducted in universities and Federal laboratories in the areas of medium energy and heavy ion nuclear physics; nuclear theory, low energy nuclear research, nuclear data measurements, and compilation and evaluation of nuclear data.

146 Office of Computational and Technology Research

David B. Nelson, Associate Director
ER-30, Room J-121
19901 Germantown Road
Germantown, MD 20874-1290
(301) 903-5800

Provides a focal point in the Office of Energy Research for long-term computational and technology research and for major research and development multilaboratory partnerships with industry. Manages research in forefront and diverse applied mathematical sciences, high performance computing, communications, and information infrastructure which spans the spectrum of activities from strategic, longer

term fundamental research to technology development and demonstration. Provides the technical, analytical, and management direction for development, implementation, and evaluation of long-term research programs. Explores advance energy concepts not currently included within departmental energy technology organizational components and manages the departmentwide Small Business Innovation Research and Small Business Technology Transfer programs.

147 Mathematical, Information, and Computations Sciences Division

John S. Cavallini, Director
ER-31, Room J-117
19901 Germantown Road
Germantown, MD 20874-1290
(301) 903-5800

Provides direct research and development support in the areas of mathematics, computational science, computer science and systems design, software and algorithms, data communications research, and other information technology concepts. Reviews and evaluates technical progress of research projects and disseminates information to participants in the program and to potential users in energy technology or environmental programs. Participates in High performance Computing and Communications and Information Technology working groups. Provides liaison with other Federal agencies, universities, and private sector organizations to coordinate the National Science and Technology Council's research and development activities within its purview, as well as coordinates with other Federal agencies on data communications networks.

148 Laboratory Technology Applications Division

Alan B. Claflin, Director
ER-32, Room 3F-077
19901 Germantown Road
Germantown, MD 20874-1290
(202) 586-9740

Reviews, analyzes, develops, and communicates applications policies and program guidance to the Energy Research laboratories consistent with national policy and departmental guidance. Develops, coordinates, and manages participating laboratories fully coordinating the relevant Energy Research Science program managers, other departmental programs, and other agency programs. Develops, coordinates, and manages major long-term high-risk multilaboratory partnerships with industry, resolving partnership issues as required. Approves multiyear Cooperative Research and Development Agreements. Supports industry collaboration efforts at Energy Research laboratories to develop and implement small quick response (technology assistance) projects, with emphasis on small and minority-owned businesses.

149 Advanced Energy Projects Division
 Walter M. Polansky, Director
 ER-33, Room G-349
 19901 Germantown Road
 Germantown, MD 20874-1290
 (301) 903-5995

Manages larger-scale research activities which do not fit easily into or qualify for support by an existing DOE technology program and for which longer-term studies and experiments are required prior to the commitment of large-scale government funding. Manages DOE's Small Business Innovation Research Program required by the Small Business Innovation Development Act (Public Law 97-219) which mandates a uniformly structured three-phase research and development program to strengthen the role of small, innovative firms in Federally funded research and development. Manages DOE's Small Business Technology Transfer program required by the Small Business Research and Development Enhancement Act of 1992 (Public Law 102-564), which combines the entrepreneurship of small businesses with the scientific and engineering requirements of the Nation's nonprofit research institutions.

150 Office of Fusion Energy
 Nelia A. Davies, Associate Director
 ER-50, Room J-204
 19901 Germantown Road
 Germantown, MD 20874-1290
 (301) 903-4941

Supports the Director of ER by managing programs related to the development of the scientific and technological base for fusion energy; interprets policy guidance and suggests policy revisions; develops and evaluates program and budget strategies, priorities, and plans encompassing scientific and technical program content, goals, and objectives, including institutional plans. Pursues international collaborations in research and in new large facilities which may be too costly for any one country.

151 International Programs Staff
 Michael Roberts, Director
 ER-52, Room J-221
 19901 Germantown Road
 Germantown, MD 20874-1290
 (301) 903-3068

Develops and implements policies, plans, and strategies, and formulates the goals and objectives of international collaborations. Directs overall activities for the development of major joint projects, including the four-party International Thermonuclear Experimental Reactor (ITER) activities and technical exchange programs.

152 International Thermonuclear Experimental Reactor and Technology Division
 Warren A. Marton, Acting Director
 ER-53, Room J-212
 19901 Germantown Road
 Germantown, MD 20874-1290
 (301) 903-5378

Manages and provides technical director of the U.S. International Thermonuclear Experimental Reactor (ITER) program, as well as managing the U.S. fusion base technology development program for near-term experimental needs. Develops the technologies needed to form, contain, heat and sustain a reacting fusion plasma, including magnetic, heating, and fueling systems. This Division also focuses on elements of fusion devices related to long-term waste issues, safety and environmental considerations, device reliability, tritium production and power extraction.

153 Advanced Physics and Technology Division
 Ronald H. McKnight, Acting Director
 ER-54, Room G-240
 19901 Germantown Road
 Germantown, MD 20874-1290
 (301) 903-4596

Undertakes theoretical and small-scale experimental studies of fusion plasma phenomena and basic issues needed to predict thermonuclear plasma behavior in confinement experiments and future fusion power systems. Supports and assesses the development of promising improvements to plasma configurations, and develops new diagnostic techniques needed to study plasma phenomena in support of magnetic and inertial confinement systems. Focuses on key technology elements of fusion devices and elements related to materials development. Supports examinations of proposed structural materials, low activation materials, and divertor materials. Conducts reactor studies to model future fusion power systems, to identify issues, and to provide future program direction.

154 Confinement Systems Division
 John W. Willis, Director
 ER-55, Room G-248
 19901 Germantown Road
 Germantown, MD 20874-1290
 (301) 903-4095

Manages a program of medium-to-large fusion research experiments operating at reactor level plasma parameters. Emphasizes the resolution of key physics issues which are critical to the continued development of improved magnetic confinement systems leading to a practical fusion energy source.

155 Office of Health and Environment Research
Aristides A. Patrinos, Associate Director
ER-70, Room G-165
19901 Germantown Road
Germantown, MD 20874-1290
(301) 903-3251

Manages basic and applied research programs to achieve understanding of health and environmental effects associated with energy technologies and to advance technological solutions for major problems in biology, medicine, and environmental science-related issues. Supports research conducted in DOE's national laboratories as well as in the university and private sector, in atmospheric, marine, and terrestrial processes, including the linkage between the rise in greenhouse gases, e.g., carbon dioxide, and regional and global climate change; molecular and subcellular mechanisms underlying human somatic and genetic processes and their responses to environmental toxicants; nuclear medicine, structural biology, the human genome, measurement sciences and instrumentation; and other areas that require the unique capability of the DOE laboratory system.

156 Health Effects and Life Sciences Research Division
David A. Smith, Director
ER-72, Room G-151
19901 Germantown Road
Germantown, MD 20874-1290
(301) 903-5468

Conducts research in selected experimental animal, cellular, and molecular model systems for evaluating the potential adverse health effects, such as carcinogenesis and mutagenesis and development effects that could result from exposure to radiation and chemical agents relevant to DOE programs. Supports general life sciences research to provide the base of fundamental biological knowledge that is required for the effective study and interpretation of energy-related health effects. Supports the technology development and computational biology for mapping and sequencing the human genome and optimizing DOE's capability for conducting structural biology research.

157 Medical Applications and Biophysical Research Division
John C. Wooley, Acting Director
ER-73, Room G-159
19901 Germantown Road
Germantown, MD 20874-1290
(301) 903-3153

Conducts research on advanced radiation and chemical dosimetry techniques. Pursues instrumentation research and development to acquire improved ana-

lytical measurement technology. Supports radiological physics research to provide fundamental insights into the interaction of radiation with biological systems. Conducts medical research to develop new radioisotope and radio-pharmaceutical applications for diagnosis and therapy, advanced imaging instrumentation, and new radiation treatment approaches. Supports molecular nuclear medicine research which brings the insights and technology from molecular biology to achieve advanced nuclear medicine methodology.

158 Environmental Sciences Division
Michelle S. Broido, Acting Director
ER-74, Room G-154
19901 Germantown Road
Germantown, MD 20874-1270
(301) 903-3281

Conducts research on environmental processes and effects to address the transport and transformation of energy-related pollutants through atmospheric, marine, and terrestrial ecosystems; ecosystem responses and the mechanisms that control them; advanced concepts for waste cleanup; processes involved in stratospheric ozone depletion; and the role of molecular biology in understanding the oceanic, terrestrial, and surface ecosystem responses. Conducts a carbon dioxide program to establish the quantitative links between the rise of greenhouse gases and global warming, including studies to understand ocean circulation and the exchange of CO₂ between the open ocean and the atmosphere.

159 Office of Science Education Programs (ET)
William A. Lewis, Jr., Director
ET-30, Room 5B-168, Forrestal Building
Washington, DC 20585
(202) 586-8949

Coordinates and administers the implementation of all departmental programs in science, mathematics and engineering education at the precollege and university levels. Provides policy guidance and administrative direction to the University and Science Education program, the University Reactor Fuel Assistance program, and the University Research Instrumentation program.

160 Postsecondary Programs Division
(Vacant), Director
ET-31, Room 5B-168, Forrestal Building
Washington, DC 20585
(202) 586-8949

Administers partnership programs among DOE, its laboratories, other Federal agencies, universities, and industry to enhance postsecondary science, mathematics, and engineering education.

161 **Precollege Programs Division**
(Vacant), Director
ET-32, Room 6E-050, Forrestal Building
Washington, DC 20585
(202) 586-6833

Administers partnership programs among DOE, its laboratories, other Federal agencies, universities, and industry to enhance precollege science and mathematics education. Plans and directs the evaluation of precollege science and mathematics education programs.

162 **Office of the Assistant Secretary for Fossil Energy (FE)**
Patricia Fry Godley, Assistant Secretary
FE-1, Room 4G-084, Forrestal Building
Washington, DC 20585
(202) 586-6660

Oversees the research, development and demonstration of advanced, innovative technologies that can (1) enhance the Nation's production and use of natural gas, (2) increase the effectiveness of crude oil exploration and recovery processes, and (3) improve the environmental acceptability and economic performance of energy production from the abundant U.S. coal reserves. Manages the Strategic Petroleum Reserve, the Nation's emergency crude oil stockpile; the production and commercial sale of crude oil, natural gas, and petroleum products from the Naval Petroleum Reserves; and administration of certain regulatory functions, including authorizations and permits for natural gas imports and exports, electricity exports, and international power line facilities.

163 **Office of Communications**
Robert C. Porter, Director
FE-5, Room 4G-085, Forrestal Building
Washington, DC 20585
(202) 586-6503

Coordinates FE's communications with external stakeholders, including the general public, business and industry, Congress, and educational institutions. Maintains several publicly accessible, automated information services, including an on-line computer bulletin board (Fossil Energy Telenews, 202-586-6496) and a telephone dial-in fax service (Fossil Energy TechLine, 202-586-4300). Oversees the preparation and distribution of Fossil Energy pamphlets, fact sheets, audiovisual materials, and educational information. The Office also provides Federal administrative support for the two principal fossil energy advisory committees, the National Petroleum Council and the National Coal Council, and maintains FE's correspondence control functions.

164 **Office of Hearings and Appeals (HG)**
George B. Breznay, Director
HG-1, Room 6G-030, Forrestal Building
Washington, DC 20585
(202) 586-5510

Responsible for conducting hearings and issuing the initial decision of DOE with respect to any adjudicative proceedings which the Secretary may delegate, except those within the jurisdiction of the Federal Energy Regulatory Commission and the Board of Contract Appeals. The Board of Contract Appeals is an independent, separate component within the Office for rendering decisions pertaining to contract disputes and related issues. Jurisdiction of the Office of Hearings and Appeals encompasses complaints filed under the DOE Contractor Employee Protection Program, Proposed Remedial Orders issued by the Economic Regulatory Administration, and Personnel Security Hearing and Review functions. Analyzes and decides appeals requesting review of any determination reached by any other official within DOE under the jurisdiction of the Secretary, including initial determinations under the Freedom of Information Act, the Privacy Act, the payments-equal-to-taxes (PETT) provisions of Nuclear Waste Policy Act of 1982, as amended, the special assessment provisions for the Uranium Enrichment Decontamination and Decommissioning Fund under the Energy Policy Act of 1992, the reimbursement of costs of remedial actions at active uranium or thorium processing sites under the Energy Policy Act of 1992, the emergency international oil allocation provisions of the Energy Policy and Conservation Act, and the Standby Mandatory Crude Oil and Product Allocation, Refinery Yield Control and Pricing Programs. Responsible for deciding Applications for Exception from the generally applicable requirements of a rule, regulation, or order of DOE. Develops and implements procedures under the Petroleum Overcharge Distribution and Restitution Act of 1986 for refunding oil overcharge funds obtained pursuant to departmental consent orders, remedial orders, and court orders to injured parties. Analyzes Petitions for Special Redress seeking "extraordinary relief" apart from, or in addition to, any other remedy provided in DOE's enabling statutes.

165 **Office of Management Operations**
(Vacant), Director
HG-10, Room 6G-041, Forrestal Building
Washington, DC 20585
(202) 586-6622

Responsible for establishing and operating the filing systems and docket facilities in connection with all adjudications pending before the Office of Hearings and Appeals. Also, provides administrative support and general management assistance to other HG offices.

166 Management Information Division
Otto S. Reid, Director
HG-12, Room 6G-041, Forrestal Building
Washington, DC 20585
(202) 586-6622

Establishes and operates a management information system which contains a full history of all filings made in cases under consideration by the Office. Maintains an information retrieval and data system in connection with all adjudications. Provides program support and assistance in the DOE Contractor Employee Protection Program, Personnel Security Hearing and Review functions, and in other adjudicative proceedings.

167 Docket and Publications Division
Marcia B. Carlson, Director
HG-13, Room 6F-078, Forrestal Building
Washington, DC 20585
(202) 586-4924

Receives, screens, logs, and controls all documents submitted to the Office in connection with pending cases. Maintains official DOE case history files for all matters in which the Office has rendered a decision. Certifies the record on appeal when a matter is appealed to the courts or to the Federal Energy Regulatory Commission. Operates a Public Reference Room through which the public is afforded access to filings, decisions, and other documents with respect to cases which are either pending or have been decided by the Office. Arranges for the publication and dissemination of all Decisions and Orders of the Office of Hearings and Appeals.

168 Office of Legal Analysis
Thomas O. Mann, Deputy Director
HG-20, Room 6G-087, Forrestal Building
Washington, DC 20585
(202) 586-2094

Performs legal research with respect to submissions filed with the Office and recommends the final decision which DOE should issue with respect to Appeals, Applications for Exception, and other proceedings that primarily focus upon legal issues. Develops a full administrative record by receiving documentary evidence, conducting adversarial hearings, and preparing detailed written determinations. Formulates the legal procedures and substantive standards for the various types of adjudicative proceedings within the jurisdiction of the Office of Hearings and Appeals. The legal aspects of DOE's decision must satisfy due process standards and withstand review by the courts. The work of this Office is, therefore, central to the implementation of the Administration's energy policy. Those decisions establish precedent and legal guidance for key divisions of DOE and govern the manner in which these offices exercise their responsibilities and affect all levels of the energy industry. This Office also provides legal support to the Director and to other

offices in DOE on matters involving Office of Hearings and Appeals litigation and procedural regulations.

169 Office of Financial Analysis
Richard T. Tedrow, Director
HG-30, Room 6G-030, Forrestal Building
Washington, DC 20585
(202) 586-8018

Analyzes submissions and recommends the decisions which the Office should issue with respect to those Appeals, Applications for Exception, Proposed Remedial Orders, refund petitions, and other submissions that involve complex financial issues. Also develops a full administrative record by receiving documentary evidence, conducting hearings, and preparing detailed written determinations. The submission considered by this Office requires analysis of major corporate transactions, the structuring of detailed remedies for regulatory abuses, and the development and implementations of plans which assess the extent of injury and establish mechanisms to make monetary restitution for prior regulatory violations. Activities involved the selection and application of various methods of financial analysis and the use of sophisticated indices to measure the fiscal impact of departmental programs on a wide variety of business and governmental entities throughout the Nation.

170 Office of Economic Analysis
Thomas L. Wicker, Director
HG-40, Room 6F-055, Forrestal Building
Washington, DC 20585
(202) 586-2400

Analyzes submissions and recommends the decisions that the Office should issue with respect to those Appeals, Applications for Exception, and other requests that involve significant economic issues. In reaching determinations in these cases, the Office develops a full administrative record by receiving documentary evidence, conducting adversarial hearings involving expert econometric testimony, and preparing detailed written determinations. Submissions considered by this Office require economic analysis of the activities of major corporations, as well as an assessment of the legal effects of those activities. This Office performs both the legal and economic analyses necessary to develop appropriate legal framework for refunding petroleum overcharges to adversely affected parties and for structuring specific remedies in the case of regulatory violations. The resolution of these issues results in a substantial impact on various sectors of the economy, including refiners, major utilities, industrial and military installations, as well as on Federal, State, and local governmental entities in all regions of the United States. This Office also analyzes the benefit and burden on firms requesting relief from EIA reporting requirements.

171 Board of Contract Appeals
 E. Barclay Van Doren, Chairman and Chief
 Administrative Judge
 Energy Board of Contract Appeals, HG-50
 4040 N. Fairfax Drive, Room 1006
 Arlington, VA 22203
 (703) 235-2700

The Energy Board of Contract Appeals is an administrative tribunal established pursuant to the Contract Disputes Act of 1978. It independently hears and decides appeals by contractors from contracting officer decisions under rules of procedure published in 10 C.F.R. 1023, Subpart A, and rules implementing the Equal Access to Justice Act published in 10 C.F.R. 1023, Subpart C. Under authority granted by the Secretary, the Board also performs other quasi-judicial functions as the Energy Financial Assistance Appeals Board (10 C.F.R. 600.26 and 10 C.F.R. 1024), the Energy Invention Licensing Appeals Board (10 C.F.R. 781-63), the Energy Patent Compensation Board (10 C.F.R. 780), and the Contract Adjustment Board (10 C.F.R. 1023, Subpart B); decides certain appeals filed by subcontractors of management and operating contractors; and provides hearings officers for environmental, Debt Collection Act, and employee salary offset proceedings. Board decisions are not reviewable by DOE; however, decisions rendered under the Contract Disputes Act may be appealed by either the contractor or DOE directly to the Court of Appeals for the Federal Circuit. The Board also serves as the board of contract appeals for the Nuclear Regulatory Commission.

172 Office of Procurement, Assessment, and Property
 Office of Policy
 Luther Jay Tilman, Director
 HR-521, Room 8H-023 Forrestal Building
 Washington, DC 20585
 (202) 586-8182

Responds to questions related to DOE contracting rules and regulations.

173 Office of Clearance and Support
 Ronald E. Cone, Director
 HR-522, Room 1I-018, Forrestal Building
 Washington, DC 20585
 (202) 586-9065

Provides general information regarding submission of unsolicited proposals to DOE, answers requests for information concerning DOE Requests for Proposals, and serves as focal point for questions related to doing business with DOE.

174 Office of Headquarters Procurement Operations
 Edward Lovett, Acting Director
 HR-53, Room 402, 1615 M Street, N.W.
 Washington, DC 20585
 (202) 634-4540

Serves as the central point of contact for Headquarters contracting needs.

175 Freedom of Information and Privacy Act Division
 Gayla D. Sessoms, Director
 HR-78, Room 1G-051, Forrestal Building
 Washington, DC 20585
 (202) 586-5955

Handles requests for information under the Freedom of Information Act and the Privacy Act.

176 Printing and Graphics Division
 Energy Technology Visuals Collection
 (ETVC)
 HR-842, Room BH-039, Forrestal Building
 Washington, DC 20585
 (202) 586-9796

ETVC, which dates from the 1977 inception of DOE, serves as a central repository for visuals representing DOE's many research and development activities. The Collection, maintained and operated by the Office of Administrative Services, contains high quality images of over 600 DOE-sponsored projects in such areas as fossil fuels, nuclear fission and fusion, biomedical research, solar energy, wind energy, conservation, and environmental activities. Images are available as 8" x 10" prints (color or black and white), and 35 mm color slides through the DOE Graphics Branch on Form HQ F 1420.7. Each image requested from the collection is accompanied by a computer-generated data sheet containing caption and background information. An automated cataloging system is used by the ETVC staff to conduct online searches of the database with respect to program, project, technology, and geographic location. ETVC supports DOE personnel; other Federal, State, or local agencies; and the private sector, upon approval, in preparing publications, briefings, and presentations.

177 Office of Nuclear Energy, Science and Technology (NE)
 Office of the Director
 Terry R. Lash, Director
 NE-1, Room 5A-143, Forrestal Building
 Washington, DC 20585
 (202) 586-6450

Provides technical leadership to address critical domestic and international nuclear issues, contribute to

energy supply diversity, and advance United States competitiveness and security by providing nuclear products and services that meet the needs of the United States and the world community in a safe, environmentally sound, and economical manner, and encourage public involvement in our programs and provide information to increase public knowledge.

178 Office of Resource Management

W. J. Colsh, Director
NE-10, Room D-415
19901 Germantown Road
Germantown, MD 20874-1290
(301) 903-3795

Provides financial management and other administrative support to Nuclear Energy, Science and Technology programs.

179 Office of Planning and Analysis

William D. Magwood, IV, Associate Director
NE-20, Room 5A-143, Forrestal Building
Washington, DC 20585
(202) 586-6630

Provides analysis of programmatic, technical and economic issues that impact NE's key missions. Assures that NE program offices establish and follow program plans that are consistent with departmental policies and priorities and coordinate outreach activities. Central responsibility for uranium inventories held by DOE and the management of fuel cycle issues. Coordinates with other NE functions to supply reactor fuel to university reactors, manage the conversion of university reactors from the utilization of highly enriched uranium fuel to low enriched uranium fuel, support of university reactor instrumentation and equipment upgrades, and provide general support to nuclear engineering programs at U.S. universities.

180 Office of International Nuclear Safety

Kristen Suokko, Associate Director
NE-30, Room 5A-157, Forrestal Building
Washington, DC 20585
(202) 586-7313

Cooperates with others to improve the safety of nuclear activities internationally. Cooperates and coordinates with other departmental offices and government agencies in the implementation of U.S. nonproliferation policy. In particular, works to enhance nuclear safety in the former Soviet Union and Eastern Europe and assists in the shutdown of plutonium production reactors. Also coordinates with other DOE offices, the Department of State, and the White House to open new markets for U.S. nuclear technology.

181 Office of Facilities
Robert G. Lange, Associate Director
NE-40, Room F-424
19901 Germantown Road
Germantown, MD 20874-1290
(301) 903-2915

Manages the design, construction, and operation of the NE test facilities and Office of Energy Research reactor and supporting facilities, assuring their safe, reliable, and environmentally sound operation and their cost-effective utilization in meeting DOE's missions. Manages the conduct of shutdown activities necessary to place unneeded facilities into an industrial and radiologically safe shutdown condition.

182 Office of Engineering and Technology Development

Sterling M. Franks, Associate Director
NE-50, Room E-472
19901 Germantown Road
Germantown, MD 20874-1290
(301) 903-3456

Supports maintenance of the light water reactor option for domestic electricity generation. Manages a variety of nuclear research and development activities. Provides compact, safe nuclear power systems and related technologies to the National Aeronautics and Space Administration, the national security community, and to other customers.

183 Naval Reactors

Admiral Bruce DeMars, Director
NE-60, Room 3N06, National Center 2
2521 Jefferson Davis Highway
Arlington, VA 22202
(703) 603-7321

In accordance with Section 309(a) of the DOE Organization Act, provides the U.S. Navy with safe, military-effective nuclear propulsion plants in keeping with the Nation's defense requirements, and ensures their continued safe and reliable operation.

184 Office of Isotope Production and Distribution

Owen W. Lowe, Associate Director
NE-70, Room B-419
Germantown, MD 20874-1290
(301) 903-5161

Directs all isotope production and distribution activities with DOE, ensuring a reliable supply of medical, research, and industrial isotopes consistent with customer needs.

185 Office of Public and Consumer Affairs (PA)
Carmen MacDougall, Director
PA-1, Room 7A-145, Forrestal Building
Washington, DC 20585
(202) 586-4940

Responsible for managing and overseeing the overall press services, public affairs, and public information activities of DOE. Provides policy advice and support when interacting with the news media.

Audiovisuals and Exhibits
(202) 586-4670

Consumer Affairs/Public Liaison
(202) 586-5373

DOE This Month
(202) 586-2050

Press Office
(202) 586-5806

Publications/Public Inquiries
(202) 586-5575

Speakers' Bureau
(202) 586-1063

Research & Editorial Services
(202) 586-3094

186 Office of the Assistant Secretary for Policy (PO)
Susan F. Tierney, Assistant Secretary
PO-1, Room 7C-034, Forrestal Building
Washington, DC 20585
(202) 586-4640

Responsible for developing and directing domestic and international energy policy, including the international component of overall energy policy, and for coordinating DOE's energy emergency preparedness planning and emergency operations (except nuclear incidents/accidents) and the encouragement of free trade in energy resources, services, equipment, and technology.

187 Office of Strategic Planning, Budget & Program Evaluation
Sylvania McDonald-Monlyn, Acting Director
PO-4, Room 7B-044, Forrestal Building
Washington, DC 20585
(202) 586-4453

Provide analyses and options developments with respect to significant environmental issues that affect national energy supply, demand, and prices.

188 Office of the Deputy Assistant Secretary for Policy Planning and Implementation
(Vacant), Deputy Assistant Secretary
PO-5, Room 7C-034, Forrestal Building
Washington, DC 20585
(202) 586-4640

Responsible for directing and coordinating the activities of the following three subject-matter policy offices: the Office of Oil and Natural Gas Policy; the Office of Electricity, Coal, Nuclear and Renewable Policy; and the Office of Energy Demand Policy. This function synthesizes the various policy positions and ensures that policy development activities are effectively integrated.

189 Office of Electricity Policy
David H. Meyer, Acting Director
PO-51, Room 7H-075, Forrestal Building
Washington, DC 20585
(202) 586-5727

Responsible for analyses and recommendations on policy issues associated with the economic, technical, environmental, regulatory, and institutional factors that affect the supply and demand of electric energy, coal, nuclear, and renewable resources. Major areas of concentration include analysis of electric power, coal and nuclear resource markets, incentives designed to stimulate production and availability for more efficient use of resources and enhance U.S. energy security. It is the lead DOE Office for the development of national policy in the area of electric power, coal, nuclear, and renewable resource markets.

190 Office of Energy Supply Policy
Leonard L. Coburn, Acting Director
PO-52, Room 7H-063, Forrestal Building
Washington, DC 20585
(202) 586-5667

Responsible for analyses and recommendations on policy issues associated with domestic and international oil and natural gas markets. Major areas of concentration include economic analyses of the behavior of the Organization of Petroleum Exporting Countries, market responses to changing oil prices, incentives designed to stimulate increased oil production or greater oil conservation, and Government policies designed to deregulate domestic oil and natural gas markets and enhance U.S. energy security. Provides broad-based technical support in areas of oil industry structure, production and supply modeling, and economic analysis to other policy, planning, and analysis offices.

191 Office of the Deputy Assistant Secretary for Economic and Environmental Policy
 Abraham E. Haspel, Deputy Assistant Secretary
 PO-6, Room 7C-034, Forrestal Building
 Washington, DC 20585
 (202) 586-5316

Responsible for directing and coordinating the activities of the Office of Planning, the Office of Program Review and Analysis, and the Office of Technology Analysis. This function synthesizes the various out-year program budget positions with DOE's planning strategies and technology outlook.

192 Office of Environmental Analysis
 Edward R. Williams, Director
 PO-60, Room 7C-034, Forrestal Building
 Washington, DC 20585
 (202) 586-2068

Responsible for development, implementing, and managing a departmentwide plan that will include specific program goals and related funding requirements.

193 Office of Economic Analysis and Competition
 Howard K. Gruenspecht, Director
 PO-61, Room 7H-034, Forrestal Building
 Washington, DC 20585
 (202) 586-4767

Responsible for directing the implementation of the National Energy Strategy, providing analysis of DOE's program budgets, and reviewing proposed program budget priorities for conformance with established and revised goals and objectives for short- and long-range energy policy.

194 Office of Energy Efficiency and Alternative Fuels Policy
 Carmen Difiglio, Director
 PO-64, Room 7H-021, Forrestal Building
 Washington, DC 20585
 (202) 586-4444

Responsible for (1) planning, directing, and coordinating DOE's process to identify energy demand policy priorities and to develop strategies for integrating energy demand policies; (2) conducting macroeconomic analysis of cross-cutting energy demand issues; (3) conducting policy and program analysis and evaluation of our energy efficiency issues; (4) conducting policy analysis in areas that cut across consumption of conventional and alternative fuels; and (5) designing and implementing special projects, as assigned.

195 Office of the Deputy Assistant Secretary for International Affairs
 David Pumphrey, Acting Deputy Assistant Secretary
 PO-7, Room 7G-076, Forrestal Building
 Washington, DC 20585
 (202) 586-6832

Oversees the development and conducting of international energy policy consistent with U.S. foreign policy objectives; the promotion of a balanced and mixed energy resource system through the execution of an effective international energy research and development collaboration policy; and the strengthening of the international nuclear nonproliferation regime, which continues to promote the peaceful uses of nuclear energy.

196 Office of International Technology Cooperation
 John Brodman, Director
 PO-71, Room 1E-218, Forrestal Building
 Washington, DC 20585
 (202) 586-5915

Develops and directs a program for the systematic review of international research and development technology cooperation activities in conjunction with existing programs involving Government-to-Government and industry-to-Government arrangements supporting DOE and U.S. program interests.

197 Office of International Energy Markets
 Dave Pumphrey, Director
 PO-73, Room 7G-076, Forrestal Building
 Washington, DC 20585
 (202) 586-6832

Monitors and analyzes world energy market developments and the international political, economic, and strategic factors that influence this development; provides policy recommendations on a wide range of international energy security issues; manages U.S./DOE participation in international organizations and with consuming and producing nations; and ensures the integration of the factors that arise into overall international energy policy and analyses.

198 Office of International Energy Relations
 Robert S. Price, Jr., Director
 PO-72, Room 7G-046, Forrestal Building
 Washington, DC 20585
 (202) 586-6383

Develops objectives, generic policy positions, specific policies with respect to individual foreign countries, and prepares briefing papers for all Government energy-related bilateral and multilateral Ministerial discussions.

199 Office of Science Policy
Robert C. Marlay, Director
PO-81, Room 7H-085, Forrestal Building
Washington, DC 20585
(202) 586-3900

Functions as the lead office for the analysis and development of national policy in the area of energy technology; prepares the energy technology portion of the National Energy Policy Plan; analyzes, evaluates, and recommends alternative plans and guidance for DOE energy technology programs to meet national energy objectives; conducts policy and program analysis and evaluation; and conducts analysis of economic, technical, environmental, and institutional factors that affect the use of energy technology to enhance DOE's ability to deal effectively with energy issues. Provides broad-based technical support in areas of energy industry structures, production, and supply modeling and economic analysis to other DOE Offices.

200 Office of Civilian Radioactive Waste Management (RW)
Daniel A. Dreyfus, Director
RW-1, Room 5A-085, Forrestal Building
Washington, DC 20585
(202) 586-6842

Public Information System
(800) 225-6972

Responsible for the implementation of the Nuclear Waste Policy Act (NWPA) P. L. 97-425, as amended. It provides for the development of repositories for the disposal of high-level radioactive waste and spent nuclear fuel, including development of interim storage capabilities prior to the availability of a repository for permanent disposal, in a manner that fully protects the public health and safety.

201 Office of Quality Assurance
Donald G. Horton, Director
RW-3, 101 Convention Center Drive
Las Vegas, NV 89109
(702) 794-7675

Responsible for the development, management, coordination, integration, and overview of RW-wide quality assurance activities. The Nuclear Regulatory Commission (NRC) has prescribed quality assurance requirements for all aspects of the civilian radioactive waste management program related to waste isolation and worker safety. It is DOE's responsibility as the license applicant, to ensure that the appropriate management, policy, training, inspection and audit control are in place for verification by the NRC that the structures, systems, and components under postulated accident conditions will not adversely impact the waste isolation capabilities of the site, and not cause undue risk to the health and safety of the workers associated with the operation of the facility or the public at large. In addition, the Office is

responsible for conducting internal audits at both Headquarters and the site locations and contractors associated with the program; performing quality surveillance of Federal and contractor records; identifying deficiencies and preparing corrective action reports; providing administrative management of the Quality Concerns Management System reporting; evaluation/investigation, and resolution system; providing coordination and oversight of programwide self-assessment activities and providing regulatory compliance oversight in the implementation of safety and health performance strategies.

202 Office of Human Resources and Administration
James Bresee, Acting Director
RW-10, Room GF-277, Forrestal Building
Washington, DC 20585
(202) 586-9173

Responsible for developing the Total Quality Management (TQM) program for RW providing training and directing contractor support to the TQM effort; managing the procurement/business activities of the Management and Operating (M&O) contract and all other RW contracts programwide; overseeing and administering the award fee process for the M&O contractor; monitoring performance of the contractor; analyzing M&O cost and schedule information; serving as liaison with RW entities and the DOE Procurement Office; developing and implementing a national education program and coordinating relations with appropriate educational entities; preparing RW's Annual Report to Congress; managing public relations activities; and developing and implementing the Customer Advocacy Plan and serve as the point of contact to DOE's ombudsman; performing information resources management activities; managing resources necessary to support DOE's information systems, including automated data processing equipment, software, and contractor support resources; providing correspondence management and mail distribution.

203 Yucca Mountain Site Characterization Office
Wesley E. Barnes, Project Manager
101 Convention Center Drive
Las Vegas, NV 89109
(702) 794-5170

Responsible for scientific evaluations needed to determine whether the Yucca Mountain candidate site is suitable for a geologic repository and for waste-package and repository design and development; development and implementation of strategies related to the evaluation of the suitability of the Yucca Mountain site, in compliance with the NWPA, as amended; development implementation policies and strategies and conducting all management and programmatic functions needed to produce the waste disposal subsystem in compliance with requirements documents and applicable laws and regulations;

developing and conducting surface-based and underground site characterization; developing, evaluating, and documenting site suitability assessment criteria and related assessment methods; designing; developing the physical subsystem (e.g., natural and engineered barriers) required to dispose of the high-level waste; providing the technical lead for interactions with the Nuclear Waste Technical Review Board (NWTRB), etc.; developing, maintaining, and implementing policy and management plans that will ensure all programmatic and physical subsystem interfaces are identified, established, documented, and controlled; implementing assigned responsibilities in systems engineering analysis and performance assessment; preparing cost, schedule, and technical baseline for the disposal subsystem; developing, operating, and evaluating the technical data base; providing analyses of NRC or other regulatory reports and developing strategies to support rulemaking or each closure of issues with the NRC; developing and implementing a waste package implementation strategy; developing and implementing an environmental program; managing and developing the Environmental Impact Statement; developing, implementing, and evaluating safety and health strategies and results; designing and implementing a Licensing Support System; and managing socioeconomic, impact mitigation, transportation, and financial assistance activities associated with the geological disposal.

204 Office of Program Management and Integration

Ronald A. Milner, Director
RW-30, Room 7F-031, Forrestal Building
Washington, DC 20585
(202) 586-9694

Responsible for integrating the development and implementation of RW's strategic planning program; developing a comprehensive contingency planning program; coordinating interactions with the NWTRB and the National Academy of Sciences; developing and managing an international program; preparing and coordinating the RW's Mission Plan; coordinating and preparing Congressional testimony and public speeches; coordinating the responses to questions and answers; integrating policy and strategy for risk management, communication, and perception issues in consultation with the Yucca Mountain Office and the Office of Waste Acceptance, Storage and Transportation (OWAST); developing and issuing the Program Management System Manual and maintaining the Program Document Hierarchy; developing program control and project management system policy, requirements, and guidance, integrating input to, and developing and maintaining the Program Cost and Schedule Baseline document; integrating developing of the annual program work plans; performing Total System Life Cycle Cost analyses and preparing periodic reports; developing and maintaining the Project Decision Schedule; developing, coordinating,

and maintaining the overall RW program work breakdown structure; preparing and executing RW budgets; analyzing and evaluating program progress and performance; managing the annual NWF fee adequacy analysis; administration of the NWF, Defense Nuclear Waste Disposal appropriations, and the Civilian Radioactive Waste Research and Development fund; establishing policy and coordinating and implementing systems engineering activities at the program level; identifying functional/program system engineering interfaces to be assigned to YSMCO and OWAST, including the establishment and maintenance of a system for conflict resolution; conducting systems engineering analyses to ensure system level changes are acceptable from a programwide viewpoint; coordinating interactions with the NRC and representing the program on programwide issues; establishing program-level regulatory policy and requirements; coordinating and integrating safety and health performance strategies for the repository and waste acceptance, storage, and transportation programs; providing regulatory supporting and policy guidance for alternative licensing strategies; and serving as the overall NEPA compliance Officer in coordinating input from System Elements/Projects and consolidating monthly reports for the Office of Environmental, Safety and Health.

205 Office of Waste Acceptance, Storage and Transportation

Samuel Rousso, Director
RW-40, Room 7F-059, Forrestal Building
Washington, DC 20585
(202) 586-6046

Responsible for managing the design, certification, and production of multipurpose canisters; developing, implementing, and managing the Office's siting program; preparing the license application to the NRC for any RW-operated storage facility; developing implementation policies and strategies and conducting all management and programmatic functions needed to produce the waste storage subsystem in compliance with requirements documents and applicable laws and regulations; developing policy and implementing procedures for site selection; developing, evaluating, and documenting site criteria; developing the physical subsystem required to store high-level waste; developing NEPA compliance strategies through the Environmental Impact Statement (EIA) scoping process and developing EIA implementation plans; developing other appropriate NEPA documentation; implementing institutional activities associated with all aspects of this Office's program; preparing cost, schedule, and technical baseline for the storage and transportation subsystems; and managing spent fuel storage research and development activities. The Office also has responsibility for managing the utility contracts and serving as the primary technical interface with nuclear utilities; performing fee verification analyses for both one-time and ongoing Nuclear Waste Fund fees; preparing the Annual Capacity Report and

the Acceptance Priority Ranking Report; and developing and conducting the implementation of safeguards and security activities. In addition, the Office has responsibility for developing and operating a comprehensive system to transport spent nuclear fuel and high-level radioactive waste to appropriate Federal waste management facilities, including cask system development and equipment acquisition; economic and systems analyses appropriate for transportation system development; and support system and operational planning implementation.

Federal Energy Regulatory Commission

206 Office of External Affairs

Rebecca Schaffer, Director
EA-1, 825 North Capitol Street, N.E.
Room 9200
Washington, DC 20426
(202) 208-0004

Responsible for the public relations of the Commission. This responsibility is executed by providing informational and educational services to the Congress; international, Federal, State and local governments; the general public; consumer and public interest groups; trade associations; regulated industries; and the news media.

207 Division of Press Services

Hedley Burrell, Director
EA-10, 825 North Capitol Street, N.E.
Room 9200
Washington, DC 20426
(202) 208-1088

Meets the informational needs of the news media on the full range of energy regulatory subjects and proceedings within the Commission's jurisdiction. Develops news releases and informational materials. Responds to media inquiries about Commission programs and activities. There are information specialists in the fields of natural gas, electricity and hydroelectric projects in this Division.

208 Division of Congressional, Intergovernmental and Public Affairs

Don Chamblee, Director
EA-20, 825 North Capitol Street, N.E.
Room 9200
Washington, DC 20426
(202) 208-0870

Serves as liaison with Congress, Federal agencies and the public. This division coordinates presentation of Commission hearings, briefings, and reviews information pertaining to legislative issues and proposals. In addition, this division responds to inquiries from public, industry, interest groups and Federal, State and local governments about Commission activities, actions and procedures. The

division develops informational and educational materials on energy regulatory subjects and processes and responds to Freedom of Information and Privacy Act inquiries or other written, oral and telephone requests for information. The Division also serves as a communications link with the National Association of Regulatory Utility Commissioners and their member State commissions.

DOE Laboratories, Field Facilities, and Power Administrations

Following is an alphabetical listing of DOE Operations Offices, as well as DOE facilities that are not under direct supervision by a university or DOE Operations Office. Facilities that are under such supervision are listed with an asterisk (*) under the appropriate office. The list does not include the various area offices of DOE or its affiliated installations.

DOE Laboratories and Field Facilities

209 Albuquerque Operations Office

U.S. Department of Energy
Gloria Inlow, Communications Office
P.O. Box 5400
Albuquerque, NM 87185-5400
(505) 845-5596

Provides DOE field level planning, coordination, and direction of the nuclear weapons research, development, and stockpile maintenance programs in an environmentally sound manner. Responsible for the operation and direction of the nuclear weapons complex. Operates the DOE transportation safeguards system. Provides field level planning, coordination, and direction of nonweapons work assigned, such as nuclear, solar, geothermal, wind energy projects, waste management, and transportation research. Manages technology transfer programs between laboratories and industry, and educational initiatives in the State of New Mexico to improve math and science skills.

210 Los Alamos National Laboratory

University of California
Bill Heimbach
Public Information Officer
Mail Stop C-177
P.O. Box 1663
Los Alamos, NM 87545
(505) 667-7000

Established in 1943 to develop the world's first nuclear weapons, the primary mission is the application of science and technology to significant problems that impact national security in its broadest sense, including maintenance of a strong defense, economic competitiveness, educational excellence, environmental restoration, and energy independence.

211 Sandia National Laboratories
Rod Geer
Media Relations Department
Mail Stop 0167
Albuquerque, NM 87185-0167
(505) 844-6601
Fax: (505) 844-6367

Established in 1949 to assist in developing a national nuclear deterrent, Sandia has major laboratories in New Mexico and California (Livermore). It operates test ranges near Tonopah, Nevada, and on the island of Kauai, Hawaii. With more than 8,000 employees, Sandia operates facilities for manufacturing process development, environmental testing, radiation research, combustion research, computing, and microelectronics research and production. Over Sandia's history, its missions have expanded from an original focus on nuclear weapons research and development to work on other advanced military technologies, energy programs, arms verification and control technology, and applied research in numerous scientific fields, including an extensive program in materials research. In addition to developing and engineering nuclear weapon components, Sandia assesses, maintains, and upgrades the existing nuclear weapon stockpile and explores advanced weapon concepts. Sandia has the largest arms-control verification technology program in the country. It is the DOE center for pulsed-power research. Sandia also is working to strengthen the Nation's economic security by transferring the commercially valuable technologies developed at the labs to U.S. industry.

212 Bartlesville Project Office
U.S. Department of Energy
Herbert A. Tiedemann
Technology Transfer
P.O. Box 1398
Bartlesville, OK 74005
(918) 337-4293
Fax: (918) 337-4418

Administers and monitors the DOE Fossil Oil Energy Research program, with emphasis on research related to petroleum extraction, processing, and utilization.

213 Chicago Operations Office
U.S. Department of Energy
Gary L. Pitchford
Director, Office of Communications
9800 South Cass Avenue
Argonne, IL 60439
(708) 252-2013

An offspring of the Manhattan Engineer District and established as one of the Atomic Energy Commission's first field offices in 1947, the Office is responsible for integrated management of major Government-owned, contractor-operated laboratories and facilities (Argonne National Laboratory, Brookhaven National Laboratory,

Fermi National Accelerator Laboratory, Princeton Plasma Physics Laboratory, and Ames Laboratory), as well as two Government-owned and operated laboratories (Environmental Measurements Laboratory and New Brunswick Laboratory). Program and project assignments include high energy physics, environmental restoration and waste management, nuclear physics, basic energy sciences, advanced reactor safety, magnetic fusion energy, solar and alternate energy, and an assortment of research and development initiatives in various energy technologies.

214 Ames Laboratory
Steve Karsjen, Manager
Office of Public Affairs and Information
111 TASF
Iowa State University
Ames, IA 50011
(515) 294-1856
Fax: (515) 294-3226

Established in 1947 as a result of the Manhattan Project, Ames Laboratory seeks solutions to energy related problems through the exploration of materials, chemical engineering, mathematical and physical sciences. Responding to issues of national concern, Lab scientists are actively involved in environmental research, high performance computing, materials synthesis and processing, innovative scientific education programs, the development of applied technologies and the quick transfer of such technologies to industry.

215 Argonne National Laboratory
Charles Osolin
Director, Office of Public Affairs
9700 South Cass Avenue
Argonne, IL 60439-4832
(708) 252-5581

Established in 1946, conducts applied research and engineering development in energy and environmental technologies, high performance computing, and scientific research in basic physical and life sciences. Develops and operates research facilities for members of the scientific community, maintains close interaction with researchers in universities and industry, and aids in the education of scientists and engineers.

216 Brookhaven National Laboratory
Anne Baittinger, Public Affairs Manager
P.O. Box 5000
Upton, NY 11973-5000
(516) 282-2123

Established in 1947, conducts basic and applied research in technology base areas, supports research facilities, and establishes new directions for research. Major disciplinary strengths are high energy, nuclear and solid state physics, chemistry, environmental and life sciences, and selected energy technologies.

217 Fermi National Accelerator Laboratory
Cindy Crego
Public Information Office
P.O. Box 500
Batavia, IL 60510-0500
(708) 840-3351

Established in 1967 to explore the field of elementary particle physics so that the understanding of the basic structure of matter may be broadened. The lab's principal scientific tool is the Tevatron, the world's highest energy accelerator in the world. Protons and antiprotons travel at nearly the speed of light in the Tevatron's tunnel, which is 6.3 kilometers in circumference.

218 Princeton Plasma Physics Laboratory
(PPPL)
Anthony R. DeMeo, Head
Information Services
P.O. Box 451
Princeton, NJ 08543
(609) 243-2755

PPPL performs research aimed at the development of magnetic fusion energy as an inexhaustible, safe, and environmentally acceptable means of generating electricity for the long-term. The Laboratory operates two major magnetic fusion devices: the Tokamak Fusion Test Reactor (TFTR) and the Princeton Beta Experiment-Modification (PBX-M). PPPL and representatives of other U.S. fusion laboratories, universities, and private industry are collaborating on the design of the Tokamak Physics Experiment (TPX), which is proposed for construction at PPPL. PPPL physicists also participate in a worldwide collaboration to design the International Thermonuclear Experimental Reactor (ITER). PPPL scientists are applying knowledge gained in fusion research to a number of other areas, including the study of spacecraft glow and erosion and the plasma etching of electronic circuitry on semiconductor chips.

219 Environmental Measures Laboratory
U.S. Department of Energy
Philip W. Krey, Acting Director
376 Hudson Street
New York, NY 10014-3621
(212) 620-3616

Founded in 1947, conducts experimental and theoretical research concerning radioactive and other energy-related pollutants in the environment to address important scientific questions related to human health and to environmental impact. Through its multi-disciplinary staff, provides the DOE and other Federal agencies with the in-house capability needed to respond effectively and efficiently to current

environmental and related national security issues. The research on nuclear and non-nuclear pollutants is performed through studies of the distribution, composition, and transport of the pollutants from the atmosphere to soil, plants, subsurface aquifers, animals, and humans. Conducts a variety of radio-analytical quality assurance programs ranging from "in-house" to intra- and inter-agency cooperative programs to international intercomparisons.

220 Grand Junction Projects Office
James R. Lampley, Manager
P.O. Box 2567
Grand Junction, CO 81502
(303) 248-6000
Fax: (303) 248-6023

The primary mission of the Grand Junction Projects Office (GJPO) is to apply its project management, engineering, and scientific capabilities to the direct support of the Office of Environmental Management and DOE's Operations Offices; technical and management support of decontamination and decommissioning programs; and performance of environmental cleanup projects. Activities include: the Grand Junction Uranium Mill Tailings Remedial Action (UMTRA) vicinity properties project; the Monticello, Utah, mill site and vicinity properties project; the remediation of DOE's grand Junction Projects Office; the departmentwide Long-Term Surveillance and Maintenance Program; and UMTRA Groundwater. GJPO, which first became involved with environmental restoration in 1973 with the Grand Junction Remedial Action program is also involved with environmental restoration projects for other DOE sites and Federal agencies.

221 Idaho Operations Office
U.S. Department of Energy
Ronald A. King, Director
Office of Communications
850 Energy Drive
Idaho Falls, ID 83401
(208) 526-7300

Established in 1949, supports the engineering and operations efforts of DOE and other Federal agencies in nuclear safety research, reactor development, reactor operations and training, defense-related materials production, waste management and technology development, and energy technology and conservation programs. Promotes industry collaboration in science, technology, and research to enhance U.S. industrial competitiveness. The Field Office oversees the Idaho National Engineering Laboratory.

222 Laramie Project Office
J. Keith Westhusing, Chief
Environmental and Waste Management
Division, METC
2020 E. Grand Avenue Suite 450
Laramie, WY 82070-4383
(307) 721-7200
Fax: (307) 721-7217

The Office has a primary mission of management of research, development, and demonstration projects and activities that fulfill the mission of the Fossil Energy Waste Management Program and the Environmental Management program areas carried out for the Office of Technology Development. In particular, the Office procures, manages, and reports on environment research and development projects allied with the remediation of DOE sites. A support group at the Office oversees the remediation activities assigned to METC ES&H in the western United States. The group coordinates site activities with Federal, State and local authorities and interested groups and provides status reports to participating agencies and interested entities.

223 Morgantown Energy Technology Center (METC)
U.S. Department of Energy
William F. Lawson, Director
P.O. Box 880
Morgantown, WV 27507-0880
(304) 291-4309
Fax: (304) 291-4292

The Morgantown Energy Technology Center (METC) conducts and manages research and development to enhance the use of U.S. fossil energy resources. Activities at METC focus on developing technologies to increase coal use in an environmentally acceptable manner, to extend the reserve base of natural gas, and to provide economically and environmentally improved techniques for extracting energy from oil shales and tar sands. The goal of these activities is to expand the technology base for fossil energy production, conversion, and use. In addition to on-site research and development, other METC projects are executed through contracts with industry and academia. The Center is located in Morgantown, West Virginia, on a 132-acre site and includes engineering research facilities and extensive laboratory support facilities. The Center is concerned with the future of science and is encouraging students to select scientific and engineering fields as careers. Many resources at the Center are available to assist in student educational activities.

224 National Renewable Energy Laboratory (NREL)
Marguerite Kelly, Manager
Communications & MIS Branch
1617 Cole Boulevard
Golden, CO 80401
(303) 275-3631
Fax: (303) 275-4119

Formerly known as the Solar Energy Research Institute (SERI), NREL focuses on energy efficiency and renewable energy technology development in the four major energy use sectors--buildings, industry, transportation, and utilities--in support of DOE's Assistant Secretary for Conservation and Renewable Energy. As the principal laboratory for basic and applied research and development in the solar energy conversion technologies, NREL conducts exploratory studies, experimentation and testing in its own facilities, and supports contract research and development with industries and universities throughout the country.

225 Naval Petroleum and Oil Shale Reserves in Colorado, Utah, and Wyoming, NOSR-1, NOSR-2, NOSR-3
U.S. Department of Energy
C. Ray Williams, Director
907 N. Poplar Street, Suite 150
Casper, WY 82601
(307) 261-5161
Fax: (307) 261-5817

Founded between 1912 and 1924 and created to provide an emergency source of liquid fuels for the U.S. Armed Forces. Congress mandated production of the Naval Petroleum Reserves at the Maximum Efficient Rate with the Naval Petroleum Reserves Production Act of 1976.

226 Naval Petroleum Reserves in California
U.S. Department of Energy
Danny A. Hogan, Director
P.O. Box 11
Tupman, CA 93276
(805) 763-6011
Fax: (805) 763-6699

Founded between 1912 and 1924 and made a permanent reservation for future naval fuel and oil supplies. Congress mandated the Reserves through the Naval Petroleum Reserves Production Act.

227 Nevada Operations Office
 U.S. Department of Energy
 Office of External Affairs
 Darwin J. Morgan, Acting Director
 P.O. Box 98518
 Las Vegas, NV 89193-8518
 (702) 295-3521

Established by the Atomic Energy Commission in 1962 and based in Las Vegas, the Office manages operations and programs at the Nevada Test Site (NTS). The 1,350-square-mile NTS is a high-security installation for conducting the Nation's underground nuclear weapons testing program. The Office also manages a major defense low-level radioactive waste disposal site; radiological emergency response programs; facilities in the Pacific as part of the Nation's nuclear testing readiness program; construction and operational activities supporting DOE's Yucca Mountain Project and U.S. Department of Defense projects; and a Liquefied Gaseous Fuels Spill Test Facility.

228 Oak Ridge National Laboratory
 Joe W. Culver
 Manager of Public Affairs
 (Martin Marietta Energy Systems)
 P.O. Box 2008
 Oak Ridge, TN 37831-6266
 (615) 574-4160
 Fax: (615) 574-0595

Performs research supported by DOE on a broad range of energy-related problems and provides technical information and assistance on energy research for State and local governments and the private sector. Areas of research include waste management, fossil, nuclear, fusion, conservation, and environment. Reports on technology applications are available.

229 Oak Ridge Operations Office
 U.S. Department of Energy
 Steven L. Wyatt
 Assistant to Manager for Public Information
 P.O. Box 2001
 Oak Ridge, TN 37830-8502
 (615) 576-0885

Administers the Oak Ridge National Laboratory, the Oak Ridge Associated Universities, the Strategic Petroleum Reserve, the Oak Ridge and the Paducah Gaseous Diffusion Plants, and the Y-12 Production Facility, Feed Materials Production Center, and Weldon Spring Site Remedial Action Project. Major programs and projects include (1) direction of research and development programs related to nuclear and other energy sources, (2) production and management of uranium enrichment expansion, (3) direction of biomedical and environmental research, (4) production of nuclear weapons components, and (5) oversight of DOE's Formerly Utilized Sites Remedial Action Project.

230 Portsmouth Site Office
 U. S. Department of Energy
 Gene Gillespie, Manager
 P. O. Box 700
 Piketon, OH 45661
 (614) 897-5010

Responsible for the technical administration of the contract for the management, operation, and maintenance of DOE's uranium enrichment production plant at Portsmouth, Ohio. Responsibilities include monitoring day-to-day production operations to assure that contractor-executed functions are carried out in a manner that achieves a quality product and that operations are conducted in a manner that protects personnel, the general public, and the environment.

231 Pittsburgh Energy Technology Center
 U.S. Department of Energy
 Sun W. Chun, Director
 Kay Downey, Technology Transfer Officer
 P.O. Box 10940
 Pittsburgh, PA 15236-0940
 (412) 892-6029

Responsible for technical and administrative management of certain lead mission research and development programs within the Office of Fossil Energy. The center's program responsibilities are clean coal technology, coal preparation, advanced combustion technology, alternative fuels utilization, flue gas cleanup, coal liquefaction, advanced research and technology development in direct utilization and liquefaction, and solids transport. Facilities and expertise are available to industry and other research organizations through Cooperative Research and Development Agreements (CRADA's).

232 Pittsburgh Naval Reactors Office
 U.S. Department of Energy
 H. A. Cardinali, Manager
 P.O. Box 100
 West Mifflin, PA 15122-0109
 (412) 476-7200

Oversees the Bettis Atomic Power Laboratory in West Mifflin, Pennsylvania, and the Naval Reactors Facility near Idaho Falls, Idaho. The Bettis Atomic Power Laboratory performs research and development of naval nuclear propulsion plants and the Naval Reactors Facility conducts examinations of expended naval reactor cores.

233 Westinghouse Electric Corporation
Bettis Atomic Power Laboratory
Dr. D. R. Connors, Manager
Environmental Affairs
P.O. Box 79
West Mifflin, PA 15122-0079
(412) 476-6843

Established in 1949, it is devoted exclusively to the Naval Nuclear Propulsion Program and includes two sites. Bettis, the principal site, performs research and development of naval nuclear propulsion plants and the Naval Reactors Facility conducts examinations of expended naval reactor cores.

234 Richland Operations Office
U.S. Department of Energy
Karen K. Randolph
Office of External Affairs
P.O. Box 550
Richland, WA 99352
(509) 376-7501

This Office manages the 560-square-mile Hanford Site that employs over 16,000 people. Hanford was established in 1943 as part of the Manhattan Project to make plutonium for nuclear weapons. It is also the site of the Pacific Northwest Laboratory. The plutonium mission has ended at Hanford and the current mission is the environmental restoration of the site. Nuclear and hazardous waste management, interim storage and ultimate disposal of high level nuclear waste, and environmental management are important programs.

235 Battelle Pacific Northwest Laboratory
Gary Petersen, Director
Communications
P.O. Box 999
Richland, WA 99352
(509) 375-2924

Battelle Memorial Institute operates DOE's Pacific Northwest Laboratory (PNL). PNL's mission is two-fold. As one of the Government's multiprogram national laboratories, it performs basic and applied research for DOE, other Government agencies, and industry. As the technical center for Hanford, the Laboratory provides research expertise and program support for DOE and its contractors. More than 1,000 research projects are conducted annually in support of DOE missions in energy development, national defense, and international competitiveness. PNL actively pursues transfer of Federally funded technologies to industry and academic support through educational enrichment programs and collective research with universities. Headquartered in a private research complex in north Richland, Battelle operates extensive PNL facilities on the Hanford Site. Battelle

also conducts a variety of aquatic studies at a mainline research laboratory at Sequim Bay on the Olympic Peninsula and operates a study center in north Seattle.

236 Hanford Environmental Health Foundation
Mary Ann McKinney
Communications
P.O. Box 100 HI-52
Richland, WA 99352
(509) 376-4101

Provides occupational health services to DOE and its Hanford contractors.

237 Kaiser Engineers Hanford Company
K. B. Adamson, Manager
Administration
P.O. Box 888
Richland, WA 99352
(509) 376-6967

Performs the architectural-engineeringconstruction and maintenance and operations services for DOE's Hanford Site.

238 Westinghouse Hanford Company
Glenna H. Moulthrop
Director, Communications
P.O. Box 1970, B3-25
Richland, WA 99352
(509) 376-5722

Responsible for the Hanford Site environmental management and restoration.

239 Oakland Operations Office (OAK)
U.S. Department of Energy
John Belluardo
Office of Public Affairs
1301 Clay Street, Room 700N
Oakland, CA 94612
(510) 637-1809
Fax: (510) 637-2015

Established in 1952, the Office has a multi-program mission contributing significantly to the nation's science and technology foundation, industrial competitiveness, energy efficiency, development of diverse energy sources, improved environmental quality, and national security. Specifically, OAK administers contracts for the operation of laboratory and engineering facilities with a work force of approximately 13,000. OAK's major facilities are: Lawrence Livermore National Laboratory and Lawrence Berkeley Laboratory, which are both managed by the University of California; Stanford Linear Accelerator Center managed by Stanford University; and Energy Technology Engineering Center, a component of Rockwell International, Rocketdyne Division.

240 **Lawrence Berkeley Laboratory**
University of California
Arthur Tressler, Public Information Officer
1 Cyclotron Road, Building 50C
Berkeley, CA 94720
(415) 486-5771

Founded in 1931 to advance the development of the cyclotron invented by Ernest Lawrence. Currently, the major roles of the Lawrence Berkley Laboratory (LBL) are to perform multidisciplinary research in the general, energy, and life sciences; develop and operate unique national experimental facilities; educate and train the next generation of scientists and engineers; and foster productive relationships between LBL and industry. Research programs include high energy physics, materials science and chemistry, medical and biological science, energy conservation and storage, environmental science, medical and biological science, earth science, chemical biodynamics, instrumentation, and advanced accelerator design. The world's most advanced electron microscopes and medium energy particle accelerator are operated at LBL and are available for use by industrial and other researchers. In 1993, a unique source of synchrotron radiation, the Advanced Light Source, came online to serve a variety of researchers.

241 **Lawrence Livermore National Laboratory**
University of California
Jeff Garberson, Acting Director
Public Affairs
P.O. Box 808, L-404
Livermore, California 94550
(510) 422-4599

Provides innovative solutions to complex technical problems. This DOE facility is one of the largest research laboratories in the world. On its mile-square site about 50 miles southeast of San Francisco, the Lawrence Livermore National Laboratory conducts basic and applied scientific research and development using high-energy lasers, accelerators, energetic materials and computers--including both supercomputers and massively parallel processors.

The University of California has managed the laboratory since its founding in 1952. Entering its fifth decade, Livermore is reaching beyond its laboratories and test facilities to build partnerships with industry. In addition to its national defense mission, the laboratory's traditional strengths in nuclear science and technology, computing, lasers and sensors, and bioscience and technology are being applied to satisfy national priorities in environment, health, education, and economic competitiveness.

Telephone calls are received weekdays, from 8 a.m. until 5 p.m., Pacific standard time. For inquiries that

must be made after business hours or on holidays, an on-call public information officer always is available.

242 **Stanford Linear Accelerator Center**
Stanford University
Michael Riodan, Assistant to the Director
P.O. Box 4349
Stanford, CA 94309
(415) 926-2613

Built and operated by Stanford University, the Stanford Linear Accelerator Center is a national laboratory dedicated to research in elementary particle physics and to the uses of synchrotron radiation in science and industry. Experiments make use of a 2-mile linear accelerator that produces high-energy beams of electrons and positrons for collisions with stationary targets or with one another. Synchrotron radiation research in such fields as materials science, combustion dynamics, environmental pollution control, biology, and medicine is performed with beams of x-rays emerging from an electron storage ring known as SPEAR. The use of these facilities is open to researchers from both universities and industries, provided that the results are published in the open literature, such as scientific journals.

243 **Savannah River Operations Office**
U.S. Department of Energy
James Gaver, Director
Office of External Affairs
P.O. Box A
Aiken, SC 29802
(803) 725-2889

As an environmental management site within DOE complex, the Savannah River Operations Office carries out: environmental restoration and waste management missions; tritium operations in support of defense programs; technology transfer; ecological research; and nuclear material's management activities.

244 **Schenectady Naval Reactors Office (SNR)**
U.S. Department of Energy
A. P. Muir, Public Information Officer
P.O. Box 1069
Schenectady, NY 12301
(518) 395-6383

Negotiates and administers contracts for the operation of the Knolls Atomic Power Laboratory and for the procurement of fuel and cores required for the Naval Nuclear Propulsion Plant operation. SNR administers all technical and nontechnical aspects of these contracts. In addition, SNR serves as liaison with the Savannah River Operations Office of the Naval Propulsion Plant in connection with the construction and operation of the Naval Fuel Material Facility.

Power Marketing Administrations

The following administrations market hydroelectric power generated at Federal multipurpose dams that are operated by the Army Corps of Engineers and the Bureau of Reclamation.

245 **Alaska Power Administration**
Michael A. Deihl, Administrator
2770 Sherwood Lane, Suite 2B
Juneau, AK 99801-8545
(907) 586-7405

246 **Bonneville Power Administration**
Randall W. Hardy, Administrator/CEO
P.O. Box 3621
Portland, OR 97208-3621
(503) 230-3000

BPA Washington, DC, Office
Steven J. Wright, Vice President
Room 8G-033, Forrestal
(202) 586-5640

247 **Southeastern Power Administration**
Leon Jourolmon, Acting Administrator
Samuel Elbert Building
Elberton, GA 30635-2496
(706) 213-3800

248 **Southwestern Power Administration**
Forrest E. Reeves, Acting Administrator
P.O. Box 1619
Tulsa, OK 74101
(918) 581-7476

Washington, DC, Office
Rodney Adelman, Liaison Offices
Room 8G-061, Forrestal
(202) 586-5581

249 **Western Area Power Administration**
J. M. Shafer, Administrator
P.O. Box 3402
1627 Cole Boulevard
Golden, CO 80401
(303) 275-1513

Washington, DC, Office
Joel K. Bladow, Assistant Administrator
Room 8G-061, Forrestal
(202) 586-5581

Federal Government Agencies

Department of Agriculture

250 **Economic Research Service**
Input, Supply and Demand Section
Production System Branch
1301 New York Avenue, N.W.
Room 424
Washington, DC 20005-4788

Mohinder Gill, Agriculture Economist
(202) 219-0459

Provides current and historical statistics on energy use, prices, and expenditures in agriculture by fuel source, such as gasoline, diesel, liquefied petroleum gas, fuel oil, etc. The Office also provides information on grain-based fuel alcohol, including supply demand, economics, capacity, imports, and energy-related legislation, particularly that affecting alcohol fuels.

251 **Forest Service**
P.O. Box 96090
Washington, DC 20090-6090

Associate Deputy Chief for Research
(202) 205-4507

Associate Deputy Chief for the National Forest System
(202) 205-6677

Associate Deputy Chief for State and Private Forestry
(202) 205-3331

Howard Rosen, Energy Coordinator
Forest Products and Harvesting Research Staff
USDA, Forest Service
14th & Independence Avenue, S.W.
P.O. Box 96090
Washington, DC 20090-6090
(202) 205-1565

Conducts forest biomass energy-related research. The agency coordinates its research activities with Federal and State agencies, as well as universities. Activities include obtaining, analyzing, and projecting national statistics on woody biomass supply and use, as well as research in silviculture, harvesting, and utilization. The Agency also administers national forest lands in a multiple-use approach that includes sales of industrial wood and personal/industrial use of fuel wood.

252 **Rural Utilities Service**
U.S. Department of Agriculture
14th and Independence Avenue, S.W.
Washington, DC 20250

Legislative and Public Affairs Staff
(202) 720-1255

The Rural Utilities Service (RUS), a new agency created in late 1994 by the reorganization of the U.S. Department of Agriculture (USDA), seeks to improve the quality of life in rural America via a variety of economic development programs in the electric, telecommunications, water and waste disposal areas.

It administers the electric and telephone loan programs previously handled by the Rural Electrification Administration, which was abolished by the reorganization, and the water and waste disposal loan and grant programs, which were previously in the Rural Development Administration, also a USDA agency.

RUS provides financial assistance via direct loans, guarantees of loans made by others, approval of loan security arrangements, which permits agency borrowers to obtain financing without a guarantee, grants for emergency water system repairs, technical assistance and replacement and contract technical aid in the water and waste disposal areas.

Department of Commerce

253 **Bureau of Census**
Foreign Trade Division
Federal Building 3, Room 2179
Washington, DC 20233

For trade data:
(301) 457-3041
Fax: (301) 457-2647

Provides statistical information on U.S. exports and imports merchandise trade.

254 **Bureau of Economic Analysis**
1414 L Street, NW
Washington, DC 20230

Ingrid Mohn, Information Officer
(202) 606-9900

Plays a major role in the measurement and analysis of U.S. economic activity. The Bureau provides a clear picture of the economy through the development, preparation, and interpretation of the economic accounts of the United States. The accounts provide a quantitative view of the economy's production and distribution, as well as the use of the Nation's output.

Featured economic estimates include the gross domestic product (GDP), personal income, and the index of leading economic indicators. The Bureau's monthly journal, the *Survey of Current Business*, is available from GPO. The Bureau's other publications and data are available through GPO and NTIS, Internet, and STATUSA at (202) 482-1986.

255 **Import Administration**
Office of Capital Goods and International Construction
Main Commerce Building
Room 2107
Washington, DC 20230

Mining Machinery Division
(202) 482-0680

Provides industry shipments and trade data of mining machinery.

256 **International Trade Administration**
14th and Constitution Avenue, N.W.
Room 4053
Washington, DC 20230

Vincent J. Kamenicky, Senior Chemical Advisor
(202) 482-0128
Fax: (202) 482-2565

Serves as the principal resource for chemical and petrochemical analysis and information in the Department of Commerce. The Office monitors the industry structure, production, capacity, prices, and other economic factors, both domestic and international. Analytical results are used both within the Department of Commerce for policy planning and by industry and other Government agencies. The Office is responsible for chemical trade analysis policy and legislation, and export promotions.

257 **Office of Energy, Infrastructure, and Machinery**
Andrew Vitali, Director
Energy Division
Room 4413
Washington, DC 20230
(202) 482-1466

Joe Yancik, Director
Basic Industries Sector Trade Development

The primary role of the Office of Energy is to foster and assist the basic energy fuels industries (coal, oil, natural gas, uranium renewable fuels, and electric power generation) and to improve their market competitiveness and participation in international trade.

258 **Office of Energy, Infrastructure, and Machinery**
Energy Division
Room 4413
Washington, DC 20230

Edward McDonald
Industry Specialist
(202) 482-0680

Monitors the petroleum equipment industries. Provides industry shipment and trade data and develops trade policy and export promotion programs.

259 **National Institute of Standards and Technology (NIST)**
Gaithersburg, MD 20899

George Lewett, Chief
(301) 975-5500

Sandy Wean (for program information)
(301) 975-5500

Provides for evaluation of ideas and inventions to determine their technical and commercial feasibility, energy conservation or supply value, and practicality; formulates recommendations for DOE funding if the technology is promising. Applicants must submit a detailed technical description of the invention and complete the Energy-Related Inventions Evaluation Report Form (NBS-1019); the Review process takes from 2 to 8 months. This Office works in conjunction with the DOE Energy-Related Inventions Program.

260 **National Oceanic and Atmospheric Administration (NOAA)**
National Climatic Data Center (NCDC)
Dr. Kenneth Hadeen, Director
151 Patton Avenue, Room 120
Asheville, NC 28801-5001

Users Contact: Climate Services Branch (CSB)
(704) 271-4800
Fax: (704) 271-4876
E-Mail: orders@ncdc.noaa.gov
NCDC HomePage: <http://www.ncdc.noaa.gov>

NCDC has a variety of climate information summaries relating to energy use. Data summaries are available for the cost of reproduction--minimum charges begin at \$8.00. Climate summaries are available for major U.S. and foreign locations. Summary statistics are available for many climate variables and include wind, solar and degree day information. The data are available in various formats which include publications, statistical summaries, magnetic tape, diskette and CD-ROM's. Detailed wind frequency and distribution tables are available for major U.S. and foreign airport locations on paper and/or CD-ROM. In

addition, NCDC has hourly measured and modeled solar insolation data and meteorological data for major U.S. cities on CD-ROM. Special studies involving wind and/or solar radiation may be purchased upon request. Please contact NCDC at the address above.

261 **National Technical Information Service (NTIS)**
5285 Port Royal Road
Springfield, VA 22161
(800) 553-6847

Provides access to the results of both U.S. and foreign government-sponsored research and development and engineering activities. As the central source for U.S. Government scientific and technical information, NTIS announces through its information products more than 150,000 summaries of ongoing and completed U.S. and foreign government-sponsored research and development and engineering activities annually (these summaries detail the knowledge and technology generated through U.S. Government's multibillion dollar research and development effort); provides the complete technical reports for most of the results it announces; and manages the Federal Computer Products Center. This Center also provides access to software, data files, and data bases produced by Federal agencies; manages the Center for the Utilization of Federal Technology (CUFT), which prepares a variety of directories, catalogs, and other information products linking U.S. firms to key and selected Federal lab technologies, inventions available for licensing, and contacts; and annually provides U.S. firms access to the worldwide results of more than 15,000 foreign Government-sponsored research and engineering programs. NTIS is the lead U.S. Government agency for cooperation in technical information exchange. Through agreements with hundreds of organizations, new research and development efforts are announced from countries such as Japan, West Germany, Great Britain, France, and other leading industrialized nations. For a free copy of the NTIS Products and Services Catalog, call (703) 487-4650 and request catalog #PR-827.

Department of Defense

262 **Office of Assistant Secretary for Defense for Production and Logistics**
Directorate for Energy Policy
Jeffrey A. Jones, Director
The Pentagon, Room 1D760
Washington, DC 20301-8000
(703) 697-5981

Millard Carr, Assistant for Energy Policy
(703) 697-5981

Edward J. Dyckman, Assistant for Energy Resource Management
(703) 697-5981

James Carnes, Assistant for Energy Systems and Analysis
(703) 697-5981

Col. Larry Dipoma, USAF
Assistant for Petroleum Logistics
(703) 697-5981

Energy Resource Management and Conservation

Reduces energy use through efficiency investments, incentives, and engineering; develops energy use and management policies that achieve environmental goals--e.g., clean air, clean water, solid and hazardous waste minimization; and develops and cosponsors emerging energy technologies for a variety of security, environmental, and economic goals.

Energy Supply, Availability, and Cost

Improves energy acquisition and supply methods, including bulk petroleum supply and centralized natural gas and coal purchasing; develops electric utility policies on source selection, cogeneration, cost reduction, and demand management to meet clean air goals; improves supply security, including energy infrastructure, vulnerabilities and national crisis response actions; manages information to measure progress against goals.

Department of Health and Human Services

263 Administration for Children and Families
Office of Community Services
Donald Sykes, Director
370 L'Enfant Promenade, S.W.
Washington, DC 20447
(202) 401-9333

Administers the Low Income Home Energy Assistance Program (LIHEAP) block grants to the States, Indian tribes, and U.S. territories to assist low-income households with home energy costs through heating and cooling assistance, crisis assistance, and weatherization assistance.

Department of Housing and Urban Development

264 Office of Community Viability
Robert Groberg, Director
Energy Division
451 7th Street, S.W., Room 7244
Washington, DC 20410
(202) 708-2504

Serves as the Department of Housing and Urban Development's (HUD) principal coordinator for energy

activities and provides advice and staff support on energy matters affecting State and local governments and the general public; provides technical assistance to State and local governments in achieving the energy objectives of programs administered by DOE.

The Division prepares DOE's 5-Year Energy Plan, administers and participates in demonstrations, feasibility studies, and cooperative efforts with DOE and other agencies in such diverse areas as energy efficiency of buildings, economic/community development, district heating, municipal waste-to-energy systems, energy and the elderly, and sustainable development.

265 **HUD USER**
P.O. Box 6091
Rockville, MD 20849
(301) 251-5154
(800) 245-2691

Operates a computer-based information service created by HUD. The HUD USER provides literature searches from HUD's data base, summaries of HUD research results, special products, and document distribution service. In the data base collection, energy and utilities information is included. Other information includes, but is not limited to, building technology, community development/public finance, elderly and handicapped, environmental research, housing finance, housing management, and housing programs. HUD USER does charge for service and handling of information and documents; make checks payable to HUD USER.

Department of Interior

266 **Bureau of Land Management (BLM)**
Hillary Oden, Assistant Director
Energy and Mineral Resources
Organization Code: BLM 600
1849 C Street, N.W., Room 5627
Washington, DC 20240
(202) 208-4201

Adam A. Sokoloski, Deputy Assistant Director (for program information)
Energy and Minerals
Room 5627
(202) 208-4201

Responsible for the on-shore leasing program, resource evaluation, and classification functions; environmental review of leasing activities; regulation for operations and lease management; and inspection and enforcement activities for all on-shore leasable minerals.

267 Minerals Information Office
 1849 C Street, N.W., Room 2647-MIB
 Washington, DC 20240

Minerals and Mining Information
 (202) 208-5520
 Fax: (202) 208-6572

Geological Information
 (202) 208-5512

The Minerals Information Office (MIO) is a cooperative endeavor of the U.S. Geological Survey (USGS) and the U.S. Bureau of Mines (USBM) for mineral resource inquiries. Mineral experts provide information and access to USGS and USBM data bases, commodity specialists, and publications for the benefit of public, industry, and State and Federal officials. The Office also seeks to improve the exchange of information among the Federal agencies and other minerals-information generators and users.

268 Minerals Management Service
 Carolita U. Kallaur, Acting Director
 1849 C Street, N.W., Room 4210
 Washington, DC 20240
 (202) 208-3500

Responsible for the offshore leasing program, resource evaluation, and classification functions; environmental review of leasing activities; regulation of operations and lease management; and inspection and enforcement activities for all leasable minerals on the Outer Continental Shelf (OCS). In addition, the Service is responsible for the collection of all royalty payments, rentals, bonus payments, fines, penalties, and assessments and for other revenues due the Federal Government and Indian lessors as monies or royalties-in-kind from the extraction of mineral resources from Federal and Indian lands on-shore and from the leasing and extraction of mineral resources on the OCS.

269 Office of Surface Mining Reclamation and Enforcement
 Gene Krueger, Chief
 Division of Abandoned Mine Land Reclamation
 1951 Constitution Avenue, N.W., Room 120
 Washington, DC 20240
 (202) 208-5365

Formulates policy for State, Federal, and Indian Abandoned Mine Land (AML) reclamation programs, and develops annual work plans. Develops grant distributions to the States and Tribes from the AML Reclamation Fund. Provides guidance for monitoring and evaluating Federal and State/Tribal AML programs for establishing programmatic requirements for AML grants and for administering emergency reclamation responsibilities. Maintains an inventory and tracking system for projects funded from the AML Reclamation Fund. Coordinates the Office of Surface Mining Reclamation and Enforcement's Value Engineering activities.

270 National Biological Service
 Inventory and Monitoring
 John Mosesso, Chief
 Ecosystem Monitoring
 1849 C Street, N.W.
 MS-3660
 Washington, DC 20240
 (202) 482-3774

Responsible for Office of Surface Mining Reclamation and Enforcement (OSM) compliance with the National Environmental Policy Act. The division is also responsible for all economic analyses performed by OSM, administration of the applied research program, technical training, and the development of regulations.

271 Bureau of Mines
 Section of International Data
 Division of Statistics and Information Services
 810 7th Street, N.W., M.S. 9706
 Washington, DC 20241-0002

George J. Coakley, Chief
 Division of International Minerals
 (202) 501-9660
 Fax: (202) 219-2489

Collects and publishes data in the Bureau of Mines' *Minerals Yearbook*. Primary areas are international production and foreign trade for all fuel and allied products.

272 U.S. Geological Survey (USGS)
 Geologic Inquiries Group (GIG)
 907 National Center
 Reston, VA 22092
 (703) 648-4383

Answers questions on all aspects of geology. This Office answers questions on topics such as earthquakes, volcanoes, energy resources, the geology of specific areas, and geologic maps and mapping. Information on geologic map indexes and a limited number of copies are also available from GIG. Both written and telephone requests are handled by this Office or are referred to the appropriate information source.

Distribution Branch
 Map Sales
 Box 25286, DFC
 Denver, CO 80225
 (303) 236-7477

Distributes maps of energy resources in the United States. The maps vary in price. Contact this office for an index of map titles and ordering information. Topographic maps are available.

Information Systems Division
802 National Center
Reston, VA 22092

Earth Science Data Directory
Project Manager
(703) 648-7112

Offers online access to a USGS mainframe computer repository about earth-science and natural-resource data bases. A directory is also available on compact disc. Data bases referenced in the directory include those concerned with the geologic, hydrologic, cartographic, and biologic sciences. References to data bases that support the protection and management of natural resources are also included. Geographic, sociologic, economic, and demographic data bases are among those catalogued. Arctic region data base entries are included in the *Arctic Environmental Data Directory* as a subset. The directory is the repository of information on Department of Interior data bases related to interagency global change activities. A full range of data sources offer potential leads to base and/or overlay input for geographic information system (GIS) applications. The directory also includes some references to GIS product data bases.

Department of Labor

273 Bureau of Labor Statistics
Consumer Price Index
600 E Street, N.W.
Washington, DC 20212

Bob Adkins, Economist
(202) 606-6985

Joe Chelena, Economist
(202) 606-6982

Provides monthly prices for residential consumption of natural gas, electricity, fuel oil, and gasoline. Prices are averaged for 15 U.S. cities and Standard Metropolitan Statistical Areas (SMSA), reflecting different geographic areas and population categories. Price indices for natural gas, fuel oil, gasoline, and other fuels are also available.

274 Division of Monthly Industry Employment Statistics
2 Massachusetts Avenue, N.E., Suite 4860
Washington, DC 20212

Lois Plunkert, Branch Chief
(202) 606-6555

Compiles and publishes monthly statistics on the number, work hours, and earnings of employees in various industries, including energy industries.

275 Mine Safety and Health Administration (MSHA)
Office of Information
Wayne Veneman, Director
4015 Wilson Boulevard
Room 601
Arlington, VA 22203
(703) 235-1452

Provides information on a wide variety of mine safety topics. Responsible for responding to information requests from media and the public. Various fact sheets are available on such subjects as coal mine safety and health activities. Provides inquiry assistance in conjunction with other MSHA policy, education programs related to mine safety and training.

Department of Transportation

276 Office of Environment, Energy and Safety
400 7th Street, S.W., Room 9216C
Washington, DC 20590

Donald J. Igo, Assistant for Energy Policy
(202) 366-0783

Provides support for the development of transportation energy policy and provides review of major energy policy issues arising in various Department of Transportation programs.

277 Office of Regulatory Affairs
400 7th Street, S.W., Room 9217
Washington, DC 20590

Nancy Ebersol, Program Analyst
(202) 366-4864

Provides information from the interim (1974) and final (1975) reports to Congress on the operation and effects of daylight saving time experiments in energy use and on other factors.

278 Federal Highway Administration
Office of Highway Information Management
David R. McElhaney, Director
400 7th Street, S.W.
Washington, DC 20590
(202) 366-0180

Compiles and publishes statistics on highway use of motor fuels, including total use of gasoline; vehicle registration and driver's licenses issued; financing of Federal, State and local highway systems; mileage of roads and streets, including type of pavement; traffic and travel characteristics, including vehicle-miles traveled by various vehicle types; and characteristics of household base vehicle and person trip making. Most data are by State except for the household based travel data which is a national sample.

279 **Highway Traffic Safety Administration**
Office of Enforcement and Emergency
Services
400 7th Street, S.W., Room 5119
Washington, DC 20590

Marilena Amoni, Director
NTS-40
(202) 366-4913
Fax: (202) 366-7721

This Office houses two services: the Police Traffic Services and the Emergency Medical Services. The Police Traffic Services is a clearinghouse and information center for enforcement programs in the States. This Service designs and develops countermeasure and training programs to assist State and local agencies, particularly in the area of safety belt usage, Driving While Intoxicated (DWI), speeding, and other hazardous violation enforcement. The Emergency Medical Services engages in research and development of programs for use by State and local agencies in the delivery of treatment of highway collision patients with special emphasis on trauma care. This Service also develops programs for emergency communications and methods for the evaluation of treatment delivery.

280 **Office of Technology Sharing, DTS-31**
Transportation Systems Center
Kendall Square
Cambridge, MA 02142

R. V. Giangrande, Chief
(617) 494-2486

Serves as the national research and development center for transportation systems design and for evaluative studies on various kinds of transportation programs. It has information on urban and community transportation programs; paratransit systems; 'dial-a-transit' programs; air, rail, and mass transit programs; transportation for the elderly and handicapped; and energy conservation in transit programs.

281 **Research and Special Programs**
Administration
Policy Development and Information
Systems Division
400 7th Street, S.W., Room 8112
Washington, DC 20590

Kevin Coburn, Information Systems Specialist
Information Systems Branch
DHM-63
(202) 366-4555

Serves as a centralized computer-maintained management information system supporting the multimodal transportation of hazardous materials. The Hazardous Materials Information System (HMIS)

provides direct retrieval, through six major subsystems, of the available information on incident data, inspection/enforcement results, indexes of regulations, interpretation of regulations, status of approvals, and status of exemptions. Requests for information will be honored. Limited direct access can also be arranged.

Department of Treasury

282 **Bureau of Alcohol, Tobacco, and Firearms**
(ATF)
Washington, DC 20226
Susan M. McCarron, Chief
Public Affairs Branch
(202) 566-7135

Maintains pamphlets and fact sheets about the Bureau's history and responsibilities. The Office provides ATF news releases and information about Federal laws and ordinances that affect trade in and licensing of alcohol, tobacco, firearms, and explosives.

283 **Federal Taxpayers Service Line**
Internal Revenue Service
Department of the Treasury

Provides information on tax problems including energy-related taxes and tax credits. For the toll-free number in your locality, consult the telephone directory under "U.S. Government, Department of the Treasury, Internal Revenue Service."

284 **Statistics of Income Division**
Internal Revenue Service
500 North Capitol Street, N.W.
P.O. Box 2608
Washington, DC 20013

Dr. Fritz Scheuren, Director
(202) 874-0700

Produces statistics on energy-related industries and on the Nonconventional Source Fuel Credit.

Federal Government Legislative Branch

United States Senate

285 **Committee on Energy and Natural**
Resources
Majority Staff
364 Senate Dirksen Office Building
Washington, DC 20510-6150
(202) 224-4971

Minority Staff
312 Senate Dirksen Office Building
(202) 224-1017

Includes 20 senators responsible for all proposed legislation, messages, petitions, memorials, and other matters relating to the following subjects: (1) coal production, distribution, and utilization; (2) energy policy; (3) energy regulation and conservation; (4) energy related aspects of deep water ports; (5) energy research and development; (6) extraction of minerals from oceans and Outer Continental Shelf lands; (7) hydroelectric power, irrigation, and reclamation; (8) mining education and research; (9) mining, mineral lands, mining claims, and mineral conservation; (10) national parks, recreation areas, wilderness areas; wild and scenic rivers, historical sites, military parks and battlefields, and the public domain; preservation of prehistoric ruins and objects of interest; (11) naval petroleum reserves in Alaska; (12) nonmilitary development of nuclear energy; (13) oil and gas production and distribution; (14) public lands and forests, including farming and grazing thereon, and mineral extraction therefrom; (15) solar energy systems; (16) territorial possessions of the United States, including trusteeships.

286 Subcommittee on Energy Regulation and Conservation

Majority Staff
212 Senate Dirksen Office Building
Washington, DC 20510-6152
(202) 224-4971

Minority Staff
312 Senate Dirksen Office Building
(202) 224-1017

Responsible for oversight and legislative issues for Federal energy conservation programs; energy information; commercialization of new technologies (e.g., wind, solar, ocean thermal energy conversion); liquified natural gas projects; oil and gas pipelines and pipeline regulation, including regulation of Alaska Natural Gas Transportation System, Trans Alaska Pipeline System, and other oil or gas pipeline transportation systems within Alaska (e.g., the Trans-Alaskan Gas line system); regulatory functions of ERA; refinery policy; gasoline rationing; emergency preparedness; petroleum allocation; and coal conversion.

287 Subcommittee on Energy Research and Development

Majority Staff
312 Senate Dirksen Office Building
Washington, DC 20520-6154
(202) 224-4971

Minority Staff
312 Senate Dirksen Office Building
(202) 224-1017

Responsible for oversight and legislative issues for nuclear research and development; coal and synfuels research and development; nuclear and nonnuclear energy commercialization projects; nuclear fuel cycle policy, including uranium resources; new technologies research and development; nuclear facilities siting; and breeder reactor development.

288 Subcommittee on Mineral Resources Development and Production

Majority Staff
362 Senate Dirksen Office Building
Washington, DC 20510-6156
(202) 224-4971

Minority Staff
312 Senate Dirksen Office Building
(202) 224-1017

Responsible for oversight and legislative issues for energy and nonfuel mineral resources; Federal mineral leasing; national mining and minerals policy and general mining laws; surface mining, reclamation and enforcement; coal production, distribution and utilization; oil and gas production and distribution; mining education and research; minerals exploration, development and production from public and acquired lands; mineral conservation; royalty management; coal severance tax; Naval Petroleum and Oil Shale Reserves; deep water ports; and deep seabed mining.

289 Subcommittee on Public Lands, National Parks and Forests

Majority Staff
308 Senate Dirksen Office Building
Washington, DC 20510-6158
(202) 224-4971

Minority Staff
312 Senate Dirksen Office Building
(202) 224-1017

Responsible for oversight and legislative issues for the public lands administered by the Bureau of Land Management; National Forest System; National Park System; National Wilderness Preservation System; Wild and Scenic Rivers System; National Trails System; establishment of wildlife refuges on public lands; Alaska Native Claims Settlement Act; Alaska National Interest Lands Conservation Act; reserved water rights; military land withdrawals; national recreation areas; national monuments; historic sites; military parks and battlefields; Land and Water Conservation Fund; historic preservation; renewable resources; outdoor recreation resources; and on the public domain, preservation of prehistoric ruins and objects of interest.

290 Subcommittee on Water and Power

Majority Staff
306 Senate Dirksen Office Building
Washington, DC 20510-6156
(202) 224-4971

Minority Staff
312 Senate Dirksen Office Building
(202) 224-1017

Responsible for oversight and legislative issues for irrigation; reclamation projects, including related flood control purposes; power marketing administrations (e.g., Bonneville Power, Alaska Power, Southwestern Power, Western Area Power; Southeastern Power); energy development impacts on water resources; groundwater resources and management; small power producers; hydroelectric power; and low lead hydro.

United States House of Representatives**291 Committee on Energy and Commerce**

Majority Staff
2125 Rayburn House Office Building
Washington, DC 20515
(202) 225-2927

Minority Staff
2322 Rayburn House Office Building
(202) 225-3641

Consists of 43 members with responsibilities as follows: (1) interstate and foreign commerce, generally; (2) national energy policy generally; (3) measures relating to the exploration, production, storage, supply, marketing, pricing, and regulation of energy resources, including all fossil fuels, solar energy, and other unconventional or renewable energy resources; (4) measures relating to the conservation of energy resources; (5) measures relating to the commercial application of energy technology; (6) measures relating to energy information generally; (7) measures relating to the generation and marketing of power (except by federally chartered or Federal regional power marketing authorities); the generation and interstate transmission of, and ratemaking for, all power; and the siting of generation facilities, except the installation of interconnections between Government waterpower projects; (8) interstate energy compacts; (9) measures relating to general management of DOE, and the management and all functions of the Federal Energy Regulatory Commission; (10) inland waterways; (11) railroads, including railroad labor, railroad retirement and unemployment, except revenue measures related thereto; (12) regulation of interstate and foreign communications; (13) securities and exchanges; (14) consumer affairs and consumer protection; (15) travel and tourism; (16) public health

and quarantine; (17) health and health facilities, except health care supported by payroll deductions; and (18) biomedical research and development.

292 Subcommittee on Energy and Power

Majority Staff
331 Ford House Office Building
Washington, DC 20515-6120
(202) 226-2500

Minority Staff
564 Ford House Office Building
(202) 226-3400

Responsible for national energy policy; fossil energy and renewable energy resources; synthetic fuels and energy conservation; energy regulation, commercialization and utilization; utility issues and regulation of nuclear facilities; and, all laws, programs and Government activities affecting matters of nuclear energy.

Independent Agencies**Environmental Protection Agency****293 Indoor Air Quality Information**

Clearinghouse
P.O. Box 37133
Washington, DC 20013-7133
(800) 438-4318
(202) 484-1307
Fax: (202) 484-1510

A central source of information in indoor air quality, created and supported by the U.S. Environmental Protection Agency. The purpose of the office is to answer questions about indoor air pollution and or make referrals.

294 Office of Air Quality Planning and Standards

MD-12, ITPID, IMG
Research Triangle Park, NC 27711

Jonathan Miller, Data Administrator
Air Quality Subsystems
(919) 541-3330

Janice Kleeman, Data Administrator
Air Facility Subsystems
(919) 541-3450

Tom Link, Coordinator
Data Retrievals
(919) 541-5456

Provides emissions data and background information on air quality and air facility subsystems.

295 **Office of Federal Activities**
Marilyn Henderson
401 M Street, S.W., Room 2119C, 2252
Washington, DC 20460
(202) 260-5075

Maintains the Environmental Protection Agency filing system of Environmental Impact Statements (EIS's) that have been submitted by sponsoring agencies. Also controls the records of all EIS reviews by the Environmental Protection Agency.

296 **U.S. International Trade Commission**
Energy, Chemicals, and Textiles Division
500 E Street, S.W.
Washington, DC 20436
(202) 205-3342

Energy related activities of the Commission include the monitoring of production, sales, and international trade of petroleum, natural gas, coke and coal, uranium, and electricity. In addition, the Commission follows developments in biomass and solar and hydropower for energy production, and collects and publishes data on U.S. production and sales of all synthetic organic chemicals, including alternate energy sources, such as alcohols and oxygenates.

297 **Nuclear Regulatory Commission**
Office of Public Affairs
Washington, DC 20555
(301) 415-8200

Serves as a public inquiry point for information on licensing (including decommissioning) of commercial nuclear power plants and other nuclear facilities and the possession and use of nuclear materials for medical, industrial, educational, and research purposes; inspections and investigations designed to assure that licensed activities are conducted in compliance with the Agency's regulations and other requirements; confirmatory research in the areas of safety, safeguards, and environmental assessment and the establishment of regulations, standards, and guidelines governing the civilian use of nuclear facilities and materials; safeguarding of nuclear facilities and materials from diversion or sabotage; implementation of Agency responsibilities under the Nuclear Waste Policy Act of 1982 (high-level radioactive wastes), as amended in 1987, and the Low-Level Radioactive Waste Policy Act of 1980, as amended in 1985, and the Uranium Mill Tailings Radiation Control Act of 1978; and packaging of radioactive materials for transport.

298 **Tennessee Valley Authority**
Technology Transfer
Judy Driskill, Manager
Forestry Building

Norris, TN 37828
(615) 632-1570

Conducts research and maintains data bases on forest biomass resources of the seven-State, 201-county Tennessee Valley region. The Forest Industry Data System (FIND) contains information on wood residue production and use by county, the location and size of wood fuel combustion facilities, and electrical production capacity. The Forest Resources Information System (FRIS) contains information about standing forest resources in the TVA region and is used to estimate potential energy wood availability, as well as to answer requests on forest growth and harvesting trends in the region. Technical assistance is provided.

299 **U.S. General Accounting Office**

Victor S. Rezentes, Director
Energy and Science Issue Area, Resources,
Community, and Economic Development
Division
Room 1842
441 G Street, N.W.
Washington, DC 20548
(202) 512-3841

Bernice Steinhardt, Associate Director
Energy and Science Issue Area, Resources,
Community, and Economic Development
Division
111 Massachusetts Avenue, N.W., Suite 201
Washington, DC 20001
(202) 512-6868

Publications Ordering
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Gaithersburg, MD 20884-6015

The U.S. General Accounting Office (GAO) is a nonpartisan legislative branch agency that assists Congress, its communities, and members in their legislative and oversight work. GAO's Energy Issue Area conducts in-depth studies of the production, regulation, and consumption of all forms of energy. Aspects of GAO's energy work include evaluating the effectiveness of energy security policies and programs; the management of energy research and development programs and nuclear waste disposal programs; the safety of defense and commercial nuclear facilities; and the procedures and controls governing energy programs. Publications available include *Energy and Science: Reports and Testimony for 1992 (GAO/RCED-93-131)*. Also available are GAO's *Monthly List of Reports and Testimonies* and GAO's *Annual Index: Reports Issued in FY 1992*. Call (202) 512-6000 or write to the Publications address above. The first five copies of each GAO report are free. Additional copies are \$2 each.

300 U.S. Government Printing Office

Superintendent of Documents
Washington, DC 20402
(202) 512-1800

Handles the public sale of Federal Government publications, including selected DOE and EIA statistical, technical, and educational publications. General publications on energy and other areas of interest to the consumer are also available. The bookstores quote prices and availability on phone and mail requests and also will obtain publications not on hand at time of request. The bookstores respond to requests from all 50 States and from requestors in foreign countries. Telephone orders are accepted only from those with a GPO account, Visa, Mastercard; remittance in the form of a check or money order must accompany all other orders. Free subject bibliographies are available on request.

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1100 Commerce Street
Dallas, TX 75242
(214) 767-0076
Fax: (214) 767-3239

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Denver, CO 80294
(303) 844-3964
Fax: (303) 844-4000

Detroit Bookstore
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Detroit, MI 48226
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Fax: (313) 226-4698

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Fax: (713) 228-1186

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Suite 100
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Fax: (904) 353-1280

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Kansas City, MO 64137
(816) 765-2256
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Laurel Retail Sales Outlet
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Fax: (301) 498-8995

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Fax: (213) 239-9848

Main Bookstore
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McPherson Square Bookstore
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Fax: (202) 376-5055

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Pueblo, CO 81003
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Fax: (719) 544-6719

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303 Second Street
San Francisco, CA 94107
(415) 512-2770
Fax: (415) 512-2776

Seattle Bookstore
Room 194, Federal Building
915 Second Avenue
Seattle, WA 98174
(206) 553-4270
Fax: (206) 553-6717

State Governors Offices and Energy Agencies

The following lists for each State the Governor, the State Energy Office or equivalent, State oil and gas agency, State geologist, and the public utility commission or equivalent. Public utility commissions (sometimes referred to as public service commissions) are responsible for the economic regulation of utilities. The goal of regulation is to ensure provision of safe and reliable service at just, reasonable and sufficient rates.

301 Alabama

Governor Fob James
State Capitol
600 Dexter Avenue
Montgomery, AL 36130
(205) 242-7100

State Energy Office
Terri L. Adams
STE Division Coordinator
Department of Economic and Community Affairs
Science Technology and Energy Division
P.O. Box 5690
Montgomery, AL 36103-5690
(205) 242-5292

State Geologist
Ernest A. Mancini
Alabama Geological Survey
P.O. Box O
Tuscaloosa, AL 35486-9780
(205) 349-2852
Fax: (205) 349-2861

State Oil and Gas Agency
Ernest A. Mancini
Oil and Gas Supervisor

State Oil and Gas Board
P.O. Box O
Tuscaloosa, AL 35486-9780
(205) 349-2852
Fax: (205) 349-2861

	Public Service Commission Walter L. Thomas, Jr., Secretary One Court Square Montgomery Street P.O. Box 991 Montgomery, AL 36101-0991 (205) 242-5218	(907) 276-6222 Fax: (907) 276-0160 TTY: (907) 276-4533 E-Mail: apuc@apuc.ak.net
302	Alaska	
	Governor Tony Knowles P.O. Box 110001 Juneau, AK 99811-0001 (907) 465-3500	Governor A. P. Lutali Governor's House Office of the Governor 96799 011 (684) 633-4116
	State Energy Office Steve Baden, Chief Affordable Housing & Energy Efficiency Department Alaskan Housing Finance Corporation 520 East 34th Avenue Anchorage, AK 99503 (907) 269-4500	State Energy Office Reupena Tagaloa, Director Territorial Energy Office Office of the Governor Pago Pago, AS 96799 011 (684) 699-1101
	State Geologist and Director Milton A. Wiltse Alaska Geological Survey 794 University Avenue Suite 200 Fairbanks, AK 99709-3645 (907) 451-5005 Fax: (907) 451-5050	304 Arizona
	Alaska Department of Administration Alaska Oil and Gas Conservation Commission 3001 Porcupine Drive Anchorage, AK 99501-3192 (907) 279-1433	Governor Fife Symington State Capitol Phoenix, AZ 85007 (602) 542-4331
	Alaska Department of Environmental Conservation Division of Information and Administrative Services 410 Willoughby Avenue, Suite 105 Juneau, AK 99801 (907) 465-5010	State Energy Office Jack Haenichen, Director Department of Commerce Energy Office 3800 North Central Avenue Suite 1200 Phoenix, AZ 85012 (602) 280-1403 or 280-1300
	Alaska Department of Natural Resources Division of Oil and Gas 3601 C Street, Suite 1380 Anchorage, AK 99503-5948 (907) 762-2547	State Geologist Larry D. Fellows Arizona Geological Survey 845 N. Park Avenue, Suite 100 Tucson, AZ 85719-4896 (602) 882-4795 Fax: (602) 628-5106
	Alaska Department of Revenue Oil and Gas Audit Division 500 W 7th Avenue, Suite 570 Anchorage, AK 99501-3557 (907) 276-1363	Corporation Commission James Matthews, Executive Secretary Arizona Corporation Commission 1200 W. Washington Phoenix, AZ 85007 (602) 542-3931
	Alaska Public Utilities Commission Robert A. Lohr, Executive Director 1016 West 6th Avenue, Suite 400 Anchorage, AK 99501	305 Arkansas
		Governor Jim Guy Tucker 250 State Capitol Little Rock, AR 72201 (501) 682-2345
		State Energy Office Morris Jenkins, Director Arkansas Energy Office

No. 1 State Capitol Mall Little Rock, AR 72201 (501) 682-7377	505 Van Ness Avenue, Room 5222 San Francisco, CA 94102 (415) 703-1487
State Geologist Norman F. Williams Arkansas Geological Survey 3815 West Roosevelt Road Little Rock, AR 72204 (501) 324-9165	307 Colorado Governor Roy Romer 136 State Capitol Denver, CO 80203-1792 (303) 866-2471
State Oil and Gas Agency William E. Wright, Director Oil and Gas Commission P.O. Box 1472 El Dorado, AR 71731-1472 (501) 862-4965	 State Energy Office Wade Buchanan, Director Colorado Office of Energy Conservation 1675 Broadway, Suite 1300 Denver, CO 80202-4613 (303) 620-4292
Public Service Commission Jerrell Clark, Director Arkansas Public Service Commission 1000 Center Street P.O. Box 400 Little Rock, AR 72203-0400 (501) 682-1794	 State Geologist Colorado Geological Survey 1313 Sherman Street, Room 715 Denver, CO 80203 (303) 866-2611 Fax: (303) 866-2115
306 California Governor Pete Wilson State Capitol Sacramento, CA 95814 (916) 445-2841	 Oil and Gas Conservation Commission 1120 Lincoln, Suite 801 Denver, CO 80203-2136 (303) 894-2100, Ext. 100 Fax: (303) 894-2109
State Energy Office Charles R. Imbrecht, Chairman California Energy Commission 1516 9th Street, Mail Station 31 Sacramento, CA 95814-5512 (916) 654-5000 Fax: (916) 654-4420	 Public Utilities Commission Vincent Majkowski, Commissioner 1580 Logan Street, Office Level 2 Denver, CO 80203 (303) 894-2000, Ext. 302
State Geologist James F. Davis Department of Conservation Division of Mines and Geology 801 K Street, MS 12-30 Sacramento, CA 95814-3531 (916) 445-1923 Fax: (916) 445-5718	308 Connecticut Governor John G. Rowland 210 Capitol Avenue Hartford, CT 06106 (203) 566-4840
State Oil and Gas Agency William F. Guerard, Jr. State Oil and Gas Supervisor Department of Conservation Division of Oil, Gas, and Geothermal Resources 801 K Street, MS 20-20 Sacramento, CA 95814-3500 (916) 445-9686	 State Energy Office David Lavine Office of Policy and Management Policy Development and Planning Division 80 Washington Street Hartford, CT 06106 (203) 566-1559
Public Utilities Commission Neal J. Shulman, Executive Director	 State Geologist Richard C. Hyde Connecticut Geological Survey Department of Environmental Protection Bureau of Environmental Services 79 Elm Street Hartford, CT 06106 (203) 424-3540

Department of Public Utility Control
Louis Rickard
Chief of Research and Policy Analysis
1 Central Park Plaza
New Britain, CT 06051
(203) 827-2601

309 Delaware

Governor Thomas Carper
Tarnall Building
Dover, DE 19901
(302) 739-4101

State Energy Office
Charles T. Smisson, Jr.
Energy Program Administrator
Division of Facilities Management
P.O. Box 1401, O'Neill Building
Dover, DE 19903
(302) 739-5261
Fax: (302) 739-6148

State Geologist
Robert R. Jordan
Delaware Geological Survey
University of Delaware
DGS Building
Newark, DE 19716-7501
(302) 831-2833
Fax: (302) 831-3579

Public Service Commission
R. J. Kennedy, III, Executive Director
1560 DuPont Highway
P.O. Box 457
Dover, DE 19903
(302) 739-4247

310 District of Columbia

Mayor's Office
Mayor Marion Barry
441 Fourth Street, N.W.
Washington, DC 20001
(202) 727-2980

City Energy Office
Charles J. Clinton
District of Columbia Energy Office
613 G Street, N.W., 5th Floor
Washington, DC 20001
(202) 727-1800

Public Service Commission
Phylicia Fauntleroy Bowman, Ph.D.
Executive Director
450 Fifth Street, N.W., Suite 800
Washington, DC 20001
(202) 626-9176

311 Florida

Governor Lawton Chiles
The Capitol
Tallahassee, FL 32399-0001
(904) 488-2272

State Energy Office
Jim Tait
Florida Energy Office
Department of Community Affairs
2740 Centerview Drive
Tallahassee, FL 32399-2100
(904) 488-8466

State Geologist
Walter Schmidt
Florida Geological Survey
Gunter Building
903 W. Tennessee Street
Tallahassee, FL 32304-7700
(904) 488-4191
Fax: (904) 488-8086

Public Service Commission
William D. Talbott, Executive Director
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
(904) 413-6051

312 Georgia

Governor Zell Miller
State Capitol
Atlanta, GA 30334
(404) 656-1776

State Energy Office
Paul Burks
Office of Energy Resources
2080 Equitable Building
100 Peachtree Street, N.W.
Atlanta, GA 30303-1901
(404) 656-5176
Fax: (404) 656-7970

State Geologist
William H. McLemore
Georgia Geological Survey
EP, Natural Resources
Room 400
19 MLK Jr. Drive, S.W.
Atlanta, GA 30334
(404) 656-3214

Public Service Commission
B. B. Knowles, Director of Utilities
244 Washington Street, S.W.
Atlanta, GA 30334
(404) 656-4501

313	Guam	P.O. Box 83720 Boise, ID 83720 (208) 327-7968
	Governor Carl T. C. Gutierrez Executive Chambers P.O. Box 2950 Agana, GU 96910 (671) 472-8931 Fax: (671) 477-4826	State Geologist Earl H. Bennett Idaho Geological Survey Room 332, Morrill Hall University of Idaho Moscow, ID 83843 (208) 885-7991 Fax: (208) 885-5826
	State Energy Office Fred P. Camacho, Director Guam Energy Office P.O. Box 2950 Agana, GU 96910 (671) 477-0557 Fax: (671) 477-0589	Public Utilities Commission Stephanie Miller, Administrator Utilities Division State House Mail Boise, ID 83720-6000 (208) 334-0366 Fax: (208) 334-0366
314	Hawaii	316 Illinois
	Governor Ben Cayerano State Capitol 235 S. Beretania Street Honolulu, HI 96813 (808) 586-0034	Governor Jim Edgar State Capitol Room 207 Springfield, IL 62706 (217) 782-6830
	State Energy Office Maurice H. Kaya Energy Program Administrator Energy Division Department of Business, Economic Development and Tourism 335 Merchant Street, Room 110 Honolulu, HI 96813 (808) 587-3812 Fax: (808) 586-2536	State Energy Office John S. Moore, Director Department of Energy and Natural Resources 325 West Adams Street Room 300 Springfield, IL 62704 (217) 785-2800
	State Geologist Manabu Tagomori Department of Land and Natural Resources Division of Land and Water Development P.O. Box 373 Honolulu, HI 96809 (808) 587-0230 Fax: (808) 587-0283	State Geologist William Shilts Illinois Geological Survey 121 Natural Resources Building 615 East Peabody Drive Champaign, IL 61820 (217) 333-5111 Fax: (217) 244-7004
	Public Utilities Commission Yukio Naito, Chairman 465 S. King Street, #103 Honolulu, HI 96813 (808) 586-2020	State Oil and Gas Research and Data Illinois Geological Survey 615 East Peabody Drive Champaign, IL 61820 (217) 244-1156 Fax: (217) 333-2830
315	Idaho	State Oil and Gas Agency Lawrence E. Bengal Division Supervisor Illinois Department of Mines and Minerals Oil and Gas Division 300 W. Jefferson, Suite 300 P.O. Box 10140 Springfield, IL 62791-0140 (217) 782-7756
	Governor Phillip E. Batt State House Boise, ID 83720-2100 (208) 334-2100	
	State Energy Office Robert Hoppie Idaho Department of Water Resources Energy Division	

Commerce Commission
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Springfield, IL 62794-9280
(217) 782-7434

317 Indiana

Governor Evan Bayh
State House
Room 206
Indianapolis, IN 46204
(317) 232-4567

State Energy Office
Cheryl L. Devol, Director
Department of Commerce
Energy Policy Division
1 North Capitol, Suite 700
Indianapolis, IN 46204-2288
(317) 232-8940

State Geologist
Norman C. Hester
Indiana Geological Survey
611 N. Walnut Grove
Bloomington, IN 47405
(812) 855-7636
Fax: (812) 855-2862

Department of Natural Resources
James A. Slutz, Director
Oil and Gas Division
402 W. Washington Street
Room W-293
Indianapolis, IN 46204
(317) 232-4055

Utility Regulatory Commission
Ruth Ann Townsend, Executive Director
302 West Washington Street, Suite E-306
Indianapolis, IN 46204
(317) 232-2701

318 Iowa

Governor Terry E. Branstad
State Capitol
Des Moines, IA 50319-0001
(515) 281-5211

State Energy Office
Larry Bean
Iowa Department of Natural Resources
Energy and Geological Resources
Division
Wallace State Office Building
Des Moines, IA 50319
(515) 281-6682

State Geologist
Donald L. Koch
Department of Natural Resources
Geological Survey Bureau
109 Trowbridge Hall
Iowa City, IA 52242-1319
(319) 335-1575
Fax: (319) 335-2754

State Oil and Gas Agency
Donald L. Koch
State Geologist
Geological Survey Bureau
109 Trowbridge Hall
Iowa City, IA 52242-1319
(319) 335-1575
Fax: (319) 335-2754

Iowa Utilities Board
Raymond K. Vawter, Executive Secretary
Lucas State Office Building
Des Moines, IA 50319
(515) 281-5256

319 Kansas

Governor Bill Graves
State Capitol
Second Floor
Topeka, KS 66612-1590
(913) 296-3232

State Energy Office
Jim Ploger
Energy Program Supervisor
Energy Section
Kansas Corporation Commission
1500 S.W. Arrowhead Road
Topeka, KS 66604
(913) 271-3349
Fax: (913) 271-3354

State Geologist
Lee C. Gerhard
Kansas Geological Survey
1930 Constant Avenue
West Campus
The University of Kansas
Lawrence, KS 66047
(913) 864-3965

State Oil and Gas Agency
William R. Bryson, Director
Oil and Gas Conservation Division
Corporation Commission
130 S. Market, Room 2078
Wichita, KS 67202
(316) 337-6200

Corporation Commission
Judith McConnell
Kansas Corporation Commission
1500 S.W. Arrowhead Road
Topeka, KS 66604
(913) 271-3170

320 Kentucky

Governor Brereton C. Jones
State Capitol
700 Capitol Street
Frankfort, KY 40601
(502) 564-2611

State Energy Office
John M. Stapleton
Kentucky Division of Energy
691 Teton Trail
Frankfort, KY 40601
(502) 564-7192

State Geologist
Donald C. Haney
Kentucky Geological Survey
228 Mining and Mineral Resources Building
University of Kentucky
Lexington, KY 40506-0107
(606) 257-5500

State Oil and Gas Agency
Rick Bender, Director
Department of Mines and Minerals
Oil and Gas Division
Box 14080
Lexington, KY 40512
(606) 254-0367

Public Service Commission
Don R. Mills
Executive Director
730 Schenkel Lane, Box 615
Frankfort, KY 40602
(502) 564-3940

321 Louisiana

Governor Edwin W. Edwards
P.O. Box 94004
Baton Rouge, LA 70804-94004
(504) 342-7015

State Energy Office
Robert Harper
Louisiana Department of Natural Resources
P.O. Box 94396
Baton Rouge, LA 70804-9396
(504) 342-4534

State Geologist
William E. Marsalis
Louisiana Geological Survey
P.O. Box G
University Station
Baton Rouge, LA 70893
(504) 388-5320
Fax: (504) 388-5328

State Oil and Gas Agency
Ernest A. Burguieres, III
Commissioner
Office of Conservation
Box 94275
Baton Rouge, LA 70804-9275
(504) 342-5500

Public Service Commission
Lawrence St. Blanc, Secretary
Suite 1630, One American Place
Baton Rouge, LA 70825
(504) 342-4404

Mail letters to: P.O. Box 91154
Baton Rouge, LA 70821-9154

322 Maine

Governor Angus S. King, Jr.
State House
Station 1
Augusta, ME 04333
(207) 287-3531

State Energy Office
Carolyn Manson, Program Manager
Energy Conservation Division
Department of Economic and Community
Development
State House, Station #130
Augusta, ME 04333
(207) 624-6800
Fax: (207) 624-6810

State Geologist
Walter A. Anderson
Maine Geological Survey
Department of Conservation
State House Station #22
Augusta, ME 04333
(207) 289-2801
Fax: (207) 289-2353

Public Utilities Commission
Charles A. Jacobs
Administrative Director
State House, Station 18
Augusta, ME 04333
(207) 287-3831

323 Maryland

Governor Parris N. Glendening
 State House
 Annapolis, MD 21404
 (410) 974-3901

Maryland Energy Administration
 Frederick Hoover, Director
 Donald Milsten, Deputy Director
 45 Calvert Street, 4th Floor
 Annapolis, MD 21401
 (800) 72-ENERGY

State Geologist
 Emery T. Cleaves
 Maryland Geological Survey
 2300 St. Paul Street
 Baltimore, MD 21218-5210
 (410) 554-5500
 Fax: (410) 554-5502

State Oil and Gas
Regulations/Permitting Agency
 Ed Larrimore
 Minerals, Oil & Gas Division
 Department of Natural Resources
 580 Taylor Avenue
 Annapolis, MD 21401
 (410) 974-3874
 Fax: (410) 974-5067

Maryland Geological Survey
 Kenneth A. Schwartz
 Department of Natural Resources
 Petroleum Geologist
 2300 St. Paul Street
 Baltimore, MD 21218-5210
 (410) 554-5525
 Fax: (410) 554-5502

Water Resources Administration
 Edmon Larrimore
 Chief, Minerals, Oil and Gas
 Department of Natural Resources
 Tawes State Office Building
 580 Taylor Avenue
 Annapolis, MD 21401
 (410) 974-3874
 Fax: (410) 974-5067

Public Service Commission
 Daniel P. Gahagan
 Executive Secretary
 William Donald Schaefer Tower
 6 St. Paul Centre
 Baltimore, MD 21202-6806
 (410) 767-8067
 Fax: (410) 333-6495

324 Massachusetts

Governor William Weld
 State House
 Room 360
 Boston, MA 02133
 (617) 727-9173

State Energy Office
 Stephen Remen, Commissioner
 Massachusetts Division Office of Energy
 Resources
 Leverett Saltonstall Building
 100 Cambridge Street
 Room 1500
 Boston, MA 02202
 (617) 727-4732

State Geologist
 Richard N. Foster
 Massachusetts Geological Survey
 Commonwealth of Massachusetts
 Executive Environmental Affairs
 100 Cambridge Street, 20th Floor
 Boston, MA 02202
 (617) 727-5830, Ext. 305
 Fax: (617) 727-2754

Department of Public Utilities
 James Connelly, General Counsel
 100 Cambridge Street, 12th Floor
 Boston, MA 02202
 (617) 727-3500

325 Michigan

Governor John Engler
 P.O. Box 30013
 Lansing, MI 48909
 (517) 373-3400

State Energy Office
 Jan Patrick, Conservation Section Supervisor
 Competitive Utility and Energy Resources
 Division
 Michigan Public Service Commission
 P.O. Box 30221
 6545 Mercantile Way
 Lansing, MI 48909
 (517) 334-6262

State Geologist
 R. Thomas Segall
 Department of Natural Resources
 Geological Survey Division
 Box 30256
 Lansing, MI 48909-7756
 (517) 334-6923
 Fax: (517) 334-6038

Department of Natural Resources
Roland Harmes, Director and Supervisor of
Wells
R. Thomas Segall, Assistant Supervisor of
Wells
Box 30028
Lansing, MI 48909-7528
(517) 373-2329

Public Service Commission
John G. Strand, Chairman
Michigan Public Service Commission
P.O. Box 30221
6545 Mercantile Way
Lansing, MI 48909
(517) 334-6370

326 Minnesota

Governor Arne Carlson
75 Constitution Avenue
130 State Capitol
St. Paul, MN 55155
(612) 296-3391

State Energy Office
Krista L. Sanda, Commissioner
Department of Public Service
121 7th Place East, Suite 200
St. Paul, MN 55101-2145
(612) 296-7107
Fax: (612) 297-1959

State Geologist
David L. Southwick
Minnesota Geological Survey
University of Minnesota
2642 University Avenue
St. Paul, MN 55114-1057
(612) 627-4780
Fax: (612) 627-4778

Public Utilities Commission
Burl Haar, Executive Secretary
121 Seventh Place East, Suite 350
St. Paul, MN 55101-2147
(612) 296-7124

327 Mississippi

Governor Kirk Fordice
P.O. Box 149
Jackson, MS 39205
(601) 359-3100

State Energy Office
Chester Smith, Director
Energy Division
510 George Street
Jackson, MS 39202-3096
(601) 359-6600

State Geologist
S. Cragin Knox
Mississippi Geological Survey
Department of Environmental Quality
P.O. Box 5348
Jackson, MS 39296-5348
(601) 354-6228
Fax: (601) 354-6327

State Oil and Gas Board
Richard Lewis, Supervisor
State Oil and Gas Board
500 Greymont, Suite E
Jackson, MS 39202
(601) 354-7142

Mississippi Public Service Commission
Brian U. Ray
Executive Secretary
19th Floor, Walter Sillers Building
P.O. Box 1174
Jackson, MS 39215-1174
(601) 961-5434

Public Utilities Staff
William A. Wilkerson
Executive Director
Room 1738, Walter Sillers State
Office Building
P.O. Box 1174
Jackson, MS 39215-1174
(601) 961-5493

328 Missouri

Governor Mel Carnahan
State Capitol
Jefferson City, MO 65102
(314) 751-3222

State Energy Office
Division of Energy
Missouri Department of Natural Resources
P.O. Box 176
Jefferson City, MO 65102
(314) 751-4000

State Geologist
James H. Williams
Department of Natural Resources
Division of Geology and Land Survey
P.O. Box 250
Rolla, MO 65401
(314) 368-2101

State Oil and Gas Agency
Evan A. Kifer
Chief, UK/Oil and Gas Unit
P.O. Box 250
Rolla, MO 65401

State Oil and Gas Council
James H. Williams, Administrator
Box 250
Rolla, MO 65401
(314) 368-2101

Public Service Commission
David Rauch
Executive Secretary
P.O. Box 360
Jefferson City, MO 65102
(314) 751-3234

329 Montana

Governor Marc Racicot
Governor's Office
State Capitol
Helena, MT 59620
(406) 444-3111

State Energy Office
Van Jamison, Administrator
Energy Division
Department of Natural Resources and
Conservation
1520 East Sixth Avenue
Helena, MT 59620-2301
(406) 444-6812

State Geologist
John C. Steinmetz
Montana Bureau of Mines and Geology
Montana Tech of University of Montana
1300 West Park Street
Butte, MT 59701-8997
(406) 496-4180
Fax: (406) 496-4451

Oil and Gas Agency
Thomas P. Richmond
Administrator-Petroleum Engineer
Board of Oil and Gas Conservation
2535 St. John's Avenue
Billings, MT 59102
(406) 656-0040

Public Service Commission
Kathy Anderson, Commission Secretary
P.O. Box 202601
1701 Prospect Avenue
Helena, MT 59620-2601
(406) 444-6170
Fax: (406) 444-7618

330 Nebraska

Governor E. Benjamin Nelson
P.O. Box 94848
Lincoln, NE 68509-4848
(402) 471-2244

State Energy Office
Robert Harris, Director
Nebraska Energy Office
The Atrium, 1st Floor
1200 N Street, Suite 110
Lincoln, NE 68509
(402) 471-2867

State Geologist
Perry B. Wigley
Nebraska Geological Survey
Conservation and Survey Division
Institute of Agriculture and Natural Resources
University of Nebraska
113 Nebraska Hall
901 N. 17th Street
Lincoln, NE 68588-0517
(402) 472-3471
Fax: (402) 472-2410

State Oil and Gas Agency
William H. Sydow, Director
Oil and Gas Conservation Commission
Box 399
Sidney, NE 69162
(308) 254-4595
Fax: (308) 245-7022

Public Service Commission
M. G. Hand, Director of Communications
300 The Atrium
1200 N Street, P.O. Box 94927
Lincoln, NE 68509-4927
(402) 471-3101

331 Nevada

Governor Bob Miller
State Capitol
Carson City, NV 89710
(702) 687-5670

State Energy Office
DeeAnn Parsons, Director
Capitol Complex
Carson City, NV 89710
(702) 687-4910
Fax: (702) 687-4914

State Geologist
Jonathan G. Price
Nevada Bureau of Mines and
Geology
University of Nevada
Reno, NV 89557-0088
(702) 784-6691
Fax: (702) 784-1709

State Oil and Gas Agency
Russ Fields, Administrator
Division of Minerals
Department of Business and Industry

400 W. King Street
Capitol Complex
Carson City, NV 89710
(702) 687-5050
Fax: (702) 687-3957

Public Service Commission
William H. Vance, Secretary
727 Fairview Drive
Carson City, NV 89710
(702) 687-6001

332 New Hampshire

Governor Stephen Merrill
Office of the Governor
Room 208
State House
Concord, NH 03301
(603) 271-2121

State Energy Office
Jonathan Osgood, Director
Governor's Office of Energy and Community
Service
57 Regional Drive
Concord, NH 03301
(603) 271-2611
Fax: (603) 271-2615

State Geologist
Eugene L. Boudette
New Hampshire Geological Survey
Department of Environmental Services
P.O. Box 2008
Concord, NH 03302-2008
(603) 271-3406
Fax: (603) 271-7894

Public Utilities Commission
Sarah P. Voll, Executive Director and
Secretary
8 Old Suncook Road
Concord, NH 03301-7319
(603) 271-2431
Fax: (603) 271-3878

333 New Jersey

Governor Christine T. Whitman
125 W. State Street, CN-001
Trenton, NJ 08625
(609) 292-6000

Division of Energy
Michael Ambrosio, Director
2 Gateway Center
Newark, NJ 07112
(201) 648-2129

State Geologist
Haig F. Kasabach
New Jersey Geological Survey
Department of Environmental Protection
P.O. Box CN-427
Trenton, NJ 08625
(609) 292-1185
Fax: (609) 633-1004

Board of Public Utilities
Herbert H. Tate, Commissioner
2 Gateway Center
Newark, NJ 07102
(201) 648-2026
Fax: (201) 648-4195

334 New Mexico

Governor Gary E. Johnson
Office of the Governor
State Capitol
Suite 400
Santa Fe, NM 87503
(505) 827-3000

State Energy Office
Rick Lopez, Director
Energy Conservation and Management
Division
Energy, Minerals & Natural Resources
Department
2040 South Pacheco
Santa Fe, NM 87505
(505) 827-5900

State Geologist
Charles E. Chapin
New Mexico Bureau of Mines and Mineral
Resources
Campus Station
Socorro, NM 87801
(505) 835-5420
Fax: (505) 835-6333

State Oil and Gas Agency
William J. LeMay, Director
Energy, Minerals and Natural Resources
Department
Oil Conversation Division
2040 S. Pacheco Street
Santa Fe, NM 87505
(505) 827-7132

Public Service Commission
Bill R. Garcia, Executive Director
224 E. Palace
Santa Fe, NM 87501-2013
(505) 827-6940

335 New York

Governor George E. Pataki
State Capitol
Albany, NY 12224
(518) 474-7516

State Geologist
Robert H. Fakundiny
New York Geological Survey
State Museum, Room 3140
Empire State Plaza
3136 Cultural Education Center
Albany, NY 12230
(518) 474-5816
Fax: (518) 473-8496

State Oil and Gas Agency
Gregory H. Sovas, Director
Department of Environmental Conservation
Division of Mineral Resources
50 Wolf Road, Room 202
Albany, NY 12233-6500
(518) 457-9337
Fax: (518) 457-9298

Public Service Commission
John J. Kelliher, Secretary
3 Empire State Plaza
Albany, NY 12223
(518) 474-6530

336 North Carolina

Governor James B. Hunt, Jr.
State Capitol
116 West Jones Street
Raleigh, NC 27603-8001
(919) 733-5811

State Energy Office
Carson D. Culbreth
North Carolina Department of Commerce
Energy Division
430 North Salisbury Street
P.O. Box 25249
Raleigh, NC 27611
(919) 733-2230

State Geologist
Charles H. Gardner
Department of Environment, Health, and
Natural Resources
Division of Land Resources
P.O. Box 27687
Raleigh, NC 27611-7687
(919) 733-3833
Fax: (919) 733-4407 or
(919) 733-2876

State Oil and Gas Agency
Charles H. Gardner, Director
Department of Environment, Health, and
Natural Resources
Division of Land Resources
512 N. Salisbury St., Box 27887
Raleigh, NC 27611
(919) 733-3833

Public Utilities Commission
Robert P. Gruber, Executive Director
Public Staff, P.O. Box 2952
Raleigh, NC 27626-0520
(919) 733-2435

337 North Dakota

Governor Edward T. Schafer
600 E. Boulevard Avenue
Bismarck, ND 58505
(701) 328-2200

State Energy Office
Kim Christianson
Energy Program Manager
Office of Intergovernmental Assistance
State Capitol Building
600 E. Boulevard Avenue
14th Floor
Bismarck, ND 58505-0170
(701) 328-2094

State Geologist
John P. Bluemle
North Dakota Geological Survey
600 East Boulevard
Bismarck, ND 58505-0840
(701) 328-4109
Fax: (701) 328-3682

State Oil and Gas Agency
Wesley D. Norton, Director
Industrial Commission
Oil and Gas Division
600 East Boulevard
Bismarck, ND 58505-0840
(701) 328-2969
Fax: (701) 328-3682

Public Service Commission
Jon H. Meilke, Executive Secretary
State Capitol
Bismarck, ND 58505
(701) 328-2400

338 Ohio

Governor George Voinovich
77 South High Street, 30th Floor
Columbus, OH 43215
(614) 466-3555

State Energy Office
Donald Jakeway, Director
Ohio Department of Development
Community Development Division
Office of Energy Efficiency
77 S. High Street, 26th Floor
Columbus, OH 43266-0413
(614) 466-6797

P.O. Box 26980
Oklahoma City, OK 73126-0980
(405) 841-9326
Fax: (405) 841-9344

State Geologist
Thomas M. Berg
Division of Geological Survey
Ohio Department of Natural Resources
4383 Fountain Square Drive, Building B
Columbus, OH 43224
(614) 265-6576
Fax: (614) 447-1918

State Geologist
Charles J. Mankin
Oklahoma Geological Survey
100 East Boyd, Room N-131
Norman, OK 73019-0628
(405) 325-3031
Fax: (405) 325-7069

State Oil and Gas Agency
Richard J. Simmers, Acting Chief
Department of Natural Resources
Division of Oil and Gas
Fountain Square B-3
Columbus, OH 43224
(614) 265-6922

State Oil and Gas Agency
Michael S. Battles, Director
Oil and Gas Conservation Division
Corporation Commission
Jim Thorpe Building
P.O. Box 52000-2000
Oklahoma City, OK 73105-2000
(405) 521-2303
Fax: (405) 521-3099

Public Utilities Commission
Gary Vigorito, Director
Administration and Commission Secretary
180 E. Broad Street
Columbus, OH 43266-0573
(614) 466-3016

Corporation Commission
Larry Schroeder, Deputy Director
Public Utility Division
500 Jim Thorpe Office Building
Oklahoma City, OK 73105
(405) 521-2518

340 Oregon

339 Oklahoma

Governor Frank Keating
Suite 212
State Capitol Building
Oklahoma City, OK 73105
(405) 521-2342

Governor John A. Kitzhaber
254 State Capitol
Salem, OR 97310
(503) 378-3111

Secretary of Energy
Mike Smith
1140 N.W. 63rd Street
Suite 416
Oklahoma City, OK 73105
(405) 840-0228

State Energy Office
John Savage, Director
Oregon Department of Energy
625 Marion Street N.E.
Salem, OR 97310
(503) 378-4131

State Alternative Fuels Office
Jason N. Smitherman Administrator
Alternative Fuels Program
Department of Central Services
3301 North Santa Fe
Oklahoma City, OK 73118
(405) 521-4687

State Geologist and Director
Donald A. Hull
Oregon Department of Geology and Mineral
Industries
800 NE Oregon Street, #28, Room 965
Portland, OR 97232
(503) 731-4100
Fax: (503) 731-4066

State Energy Office
Sherwood Washington
Oklahoma Department of Commerce
Division of Community Affairs and
Development

Public Utility Commission
Ron Eachus, Commission Chairman
550 Capitol Street, N.E.
Salem, OR 97310-1380
(503) 378-6611

341 Pennsylvania

Governor Tom Ridge
Room 225 Main Capitol Building
Harrisburg, PA 17120
(717) 787-2500

State Energy Office
Daniel J. Desmond
Executive Director
Pennsylvania Energy Office
116 Pine Street
Harrisburg, PA 17101
(717) 783-9981
Fax: (717) 783-2703

State Geologist
Donald M. Hoskins
Pennsylvania Geological Survey
Bureau of Topographic and Geologic Survey
Department of Environmental Resources
P.O. Box 8453
Harrisburg, PA 17105-8453
(717) 787-2169
Fax: (717) 783-7267

State Oil and Gas Agency
James E. Erb, Director
Department of Environmental Resources
Bureau of Oil and Gas Management
5th Floor, MSSOB
P.O. Box 8765
Harrisburg, PA 17105-8765
(717) 772-2199

Public Utility Commission
John L. Dial, Executive Director
Room 118, North Office
Harrisburg, PA 17105-3265
(717) 783-1740

342 Puerto Rico

Governor Pedro J. Rossello
La Fortaleza
San Juan, PR 00901
(809) 721-7000

State Energy Office
Ivan Ayala Cadiz
Energy Affairs
Department of Consumer Affairs
P.O. Box 41059
Santurce, PR 00940
(809) 721-0940

343 Rhode Island

Governor Lincoln Almond
222 State House
Providence, RI 02903
(401) 277-2080

State Energy Office
Joseph V. Pomposelli, Acting Director
Governor's Office of Housing, Energy, and
Intergovernmental Relations
275 Westminster Street
Providence, RI 02903
(401) 277-3370

State Geologist
J. Allan Cain
Office of the Rhode Island State Geologist
Department of Geology
University of Rhode Island
315 Green Hall
Kingston, RI 02881
(401) 792-2265
Fax: (401) 792-2190

Public Utility Commission
Edward F. Burke, Administrator
100 Orange Street
Providence, RI 02903
(401) 783-1740

344 South Carolina

Governor David M. Beasley
P.O. Box 11369
Columbia, SC 29211
(803) 734-9818

State Energy Office
Jay Flanagan, Director
1201 Main Street, Suite 820
Columbia, SC 29201
(803) 734-8030

State Geologist
Alan-Jon W. Zupan, Acting State Geologist
South Carolina Geological Survey
5 Geology Road
Columbus, SC 29210-9998
(803) 737-9440
Fax: (803) 737-9487

Public Service Commission
R. L. Smith, Director
Utility Division
P.O. Box 11649
Columbia, SC 29211
(803) 737-5125

345	South Dakota	<p>401 Church Street Nashville, TN 37243-0445 (615) 532-1500 Fax: (615) 532-0231</p>
	<p>Governor William J. Janklow 500 E. Capitol Pierre, SD 57501 (605) 773-3212</p> <p>State Energy Office Governor's Office of Economic Development 711 East Wells Avenue Pierre, SD 57501-3369 (605) 773-5032 Fax: 605-773-3256</p> <p>State Geologist Cleo Christensen South Dakota Geological Survey Department of Environment and Natural Resources University of South Dakota Science Center Vermillion, SD 57069-2390 (605) 677-5227 Fax: (605) 677-5895</p> <p>State Oil and Gas Agency Nettie Meyers, Secretary Department of Environment and Natural Resources 523 E. Capitol Pierre, SD 57501 (605) 773-5559</p> <p>Public Utilities Commission William Bullard, Executive Director 500 East Capitol Pierre, SD 57501 (605) 773-3201 (800) 332-1782 Fax: (605) 773-3809 E-Mail: bill@puc.state.sd.us</p>	<p>State Oil and Gas Agency Michael L. Hoyal, Geologist 4 State Oil and Gas Board Division of Water Supply L&C Tower, 6th Floor 401 Church Street Nashville, TN 37243-1549 (615) 532-0166</p> <p>Public Service Commission Paul Allen, Executive Director 460 James Robertson Parkway Nashville, TN 37243-0505 (615) 741-2904 Fax: (615) 741-5015</p>
347	Texas	<p>Governor George W. Bush P.O. Box 12428 Austin, TX 78711 (512) 463-2000</p>
		<p>State Energy Conservation Office Tobin Harvey, Director P.O. Box 13047 Austin, TX 78711-3047 (512) 463-1931 Fax: (512) 475-2569</p> <p>State Geologist Noel Tyler Texas Geological Survey Bureau of Economic Geology The University of Texas at Austin Box X, University Station Austin, TX 78713-8924 (512) 471-7721 Fax: (512) 471-0140 E-Mail: begmain@begv.beg.utexas.edu</p> <p>State Oil and Gas Agency David M. Garlick, Director Oil and Gas Division Railroad Commission Box 12967, Capital Station Austin, TX 78711-2967 (512) 463-6893</p> <p>Public Utility Commission Leslie Kjellstrand, Director Public Information 7800 Shoal Creek Boulevard Austin, TX 78757 (512) 458-0388</p>
346	Tennessee	
	<p>Governor William Dunavant State Capitol Nashville, TN 37219-0001 (615) 741-2001</p> <p>State Energy Office Cynthia Olyphant, Director Tennessee Department of Economic and Community Development 320 6th Avenue North, 6th Floor Nashville, TN 37243-0405 (615) 741-2994 Fax: (615) 741-5070</p> <p>State Geologist Edward T. Luther Tennessee Geological Survey Department of Environment and Conservation Division of Geology L&C Tower, 13th Floor</p>	

348	Utah	State Geologist
	Governor Mike Leavitt State Capitol Suite 210 Salt Lake City, UT 84114 (801) 538-1000	Diane L. Conrad Agency of Natural Resources Vermont Geological Survey 103 South Main Street, Center Building Waterbury, VT 05671-0301 (802) 244-3601 Fax: (802) 244-1102
	State Energy Office Jeffrey S. Burns Office of Energy and Resource Planning 355 West North Temple 3 Triad Center, Suite 450 Salt Lake City, UT 84180-1204 (801) 538-5428	350 Virginia Governor George F. Allen State Capitol Richmond, VA 23219 (804) 786-2211
	State Geologist M. Lee Allison Utah Geological Survey 2363 South Foothill Drive Salt Lake City, UT 84109-1497 (801) 467-7970 Fax: (801) 467-4070	State Energy Office James A. Smith, Director Division of Energy Department of Mines, Minerals and Energy Ninth Street Office Building 8th Floor 202 N. Ninth Street Richmond, VA 23219 (804) 692-3218
	State Oil and Gas Agency James W. Carter, Director Division of Oil, Gas and Mining 3 Triad Center, Suite 350 355 West North Temple Salt Lake City, UT 84180-1203 (801) 538-5340 Fax: (801) 359-3940 TDD: (801) 538-5319	State Geologist Stanley S. Johnson Fontaine Research Park DMME, Division of Mineral Resources 900 Natural Resources Drive P.O. Box 3667 Charlottesville, VA 22903 (804) 293-5121 Fax: (804) 293-2239
	Public Service Commission Julie Orchard, Commission Secretary 160 East 300 South Box 45585 Salt Lake City, UT 84145 (801) 530-6716	State Oil and Gas Agency Byron T. Fulmer Director, Division of Gas & Oil Department of Mines, Minerals and Energy 230 Charwood Drive P.O. Box 1416 Abingdon, VA 24212-1416 (703) 676-5423
349	Vermont	State Corporation Commission William Bridge Clerk of the Commission Tyler Building, Box 1197 Richmond, VA 23209 (804) 371-9672
	Governor Howard Dean Pavilion Office Building 109 State Street Montpelier, VT 05609 (802) 828-3333	351 Virgin Islands
	Governor Roy L. Schneider Governor's House Charlotte Amalie St. Thomas, VI 00802 (809) 774-0001	Department of Public Services Scudder Parker, Director Energy Efficiency Division 120 State Street Montpelier, VT 05620 (802) 828-2393
	Susan M. Hudson, Clerk 89 Main Street City Center Building, 3rd Floor Drawer 20 Montpelier, VT 05620-2701 (802) 828-2358	

	<p>Energy Office Claudette Young-Hinds Virgin Islands Energy Office Christiansted St. Croix, VI 00820 (809) 772-2616 Fax: (809) 772-0063</p>	Charleston, WV 25305 (304) 558-4010 Fax: (304) 558-3248
352	Washington	
	<p>Governor Mike Lowry State Capitol Legislative Building Olympia, WA 98504 (360) 753-6780</p>	<p>State Geologist Larry D. Woodfork West Virginia Geological Survey Mont Chateau Research Center P.O. Box 879 Morgantown, WV 26507-0879 (304) 594-2331 Fax: (304) 594-2575</p>
	<p>State Energy Office Jim Harding, Acting Director Washington State Energy Office 925 Plum Street, SE P.O. Box 43165 Olympia, WA 98504-3165 (360) 956-2000</p>	<p>State Oil and Gas Conservation Commission Theodore M. Streit, Acting Commissioner Oil and Gas Conservation Commission 10 McJunkin Road Nitro, WV 25143-2506 (304) 759-0516</p>
	<p>State Geologist Raymond Lasmanis, State Geologist William S. Lingley, Jr. Assistant State Geologist Department of Natural Resources Division of Geology and Earth Resources P.O. Box 47007 Olympia, WA 98504-7007 (360) 902-1450 Fax: (360) 902-1785</p>	<p>Public Service Commission H. M. Cunningham 201 Brooks Street (Street Address) P.O. Box 812 (Mailing Address) Charleston, WV 25323 (304) 340-0426</p>
354	Wisconsin	
		<p>Governor Tommy G. Thompson State Capitol P.O. Box 7863 Madison, WI 53707 (608) 266-1212 Fax: (608) 267-8983</p>
	<p>State Oil and Gas Agency Raymond Lasmanis Oil and Gas Supervisor Department of Natural Resources Division of Geology and Earth Resources Olympia, WA 98504 (360) 902-1450</p>	<p>State Energy Office Nathaniel E. Robinson, Administrator Wisconsin Division of Energy and Intergovernmental Relations 101 East Wilson Street, 6th Floor P.O. Box 7868 Madison, WI 53707-7868 (608) 266-7257 Fax: (608) 267-6931</p>
	<p>Utilities and Transportation Commission Mary Lu White, Librarian WUTC Library P.O. Box 47250 Olympia, WA 98504-7250 (360) 388-0090</p>	<p>Wisconsin Energy Bureau Patrick E. Meier, Director Department of Administration 101 East Wilson Street, 6th Floor Madison, WI 53707-7868 (608) 266-8870 Fax: (608) 267-6931</p>
353	West Virginia	
	<p>Governor Gaston Caperton State Capitol Complex Charleston, WV 25305 (304) 558-2000</p>	<p>State Geologist James M. Robertson Wisconsin Geological Survey 3817 Mineral Point Road Madison, WI 53705-5100 (608) 262-1705 Fax: (608) 262-8086</p>
	<p>State Energy Office John F. (Jeff) Herholdt, Jr. West Virginia Development Office Energy Efficiency Program Building 6, 553 Capital Complex</p>	

Public Service Commission
Jeffrey L. Butson
Public Affairs Director
4802 Sheboygan Avenue
Madison, WI 53707
(608) 266-9600
Fax: (608) 266-3957

Mail letters to: P.O. Box 7854
Madison, WI 53707

355 Wyoming

Governor Jim Gerringer
State Capitol Building, Room 124
Cheyenne, WY 82002
(307) 777-7437

State Energy Office
John Nunley, III, Federal Grants Supervisor
Wyoming Department of Commerce
Division of Economic & Community
Development
Barrett Building
4th Floor North
Cheyenne, WY 82002
(307) 777-6420

State Geologist
Gary B. Glass
Wyoming State Geological Survey
Box 3008
University Station
Laramie, WY 82071-3008
(307) 766-2286
Fax: (307) 766-2605

**Wyoming Oil and Gas Conservation
Commission**
Donald B. Basko, Oil and Gas Supervisor
Box 2640
Casper, WY 82602
(307) 234-7147
Fax: (307) 234-5306

Public Service Commission
A. J. Eliopoulos, Chief Counsel and
Administrative Secretary
700 W. 21st Street
Cheyenne, WY 82002
(307) 777-7427

Trade Associations

356 Air Conditioning Contractors of America
1513 16th Street, N.W.
Washington, DC 20036
(202) 483-9370

Heating and ventilation contractors who need technical
information on energy conservation, building load

calculations, or heat pump applications can contact this
organization. A catalogue listing technical publications
and business management aids is available. A free
newsletter, "Air Conditioning Contractors of American
News," is published monthly for members only.

**357 Air Transport Association of America
(ATA)**
James E. Landry, President
1301 Pennsylvania Avenue, N.W., Suite 1100
Washington, DC 20004-1707
(202) 626-4000

Responsible for airlines engaged in transporting
persons, goods, and mail by aircraft between fixed
terminals on regular schedules. Maintains resource
library of transportation texts and congressional,
administrative, and legal histories of civil aviation.

**358 Aircraft Owners and Pilots Association
(AOPA)**
Phil Boyer, President
421 Aviation Way
Frederick, MD 21701
(301) 695-2000

A membership association representing 335,000
general aviation pilots and aircraft owners who use
their aircraft for business and personal transportation.
AOPA works closely with the Federal Aviation
Administration, Department of Transportation, Nation
Transportation Safety Board, the United States
Congress, and with other aviation organizations to
ensure that the interests of members and the entire
general aviation community are represented at the
Federal, State and local levels. The AOPA Air Safety
Foundation conducts research, safety and educational
programs and flight training clinics.

359 Air Diffusion Council
11 S. La Salle Street, Suite 1400
Chicago, IL 60603-1210
(312) 616-0800

Administers industry-wide testing and rating standards,
encourages basic research into the behavior of air
currents in enclosed areas, and participates in activities
related to flexible air ducts standards.

**360 American Architectural Manufacturers
Association (AAMA)**
1540 E. Dundee Road
Suite 310
Palatine, IL 60067
(708) 202-1350

Dispenses technical information on architectural
aluminum, storm windows, skylights, and window
films. Provides technical information on coatings and
finishes, weatherstrips, adhesives, and sealants, and
sponsors product research and laboratory performance

testing and a certification program for prime windows, storm windows and doors, and sliding glass doors.

361 American Boiler Manufacturers Association (ABMA)
Russell N. Mosher, President
W. Randall Rawson, Vice President
John H. Crosby, IV, Director of Public Affairs
950 North Glebe Rd., Suite 160
Arlington, VA 22203-1824
(703) 522-2665

ABMA is an international association representing manufacturers of commercial, industrial and utility boilers and fuel burning equipment, as well as companies that supply products and services to the industry. Over 100 companies are currently registered as members of the association. Founded in 1888, ABMA serves to promote the common business interests of the industry; to improve the services of the industry to the public; to be proactive with government in matters affecting the industry; and to promote the safe, economical and environmentally friendly use of the products and services of the membership.

ABMA members are classified as either "Active" or "Associate." An active member is any person or organization which has a facility located in the United States that manufactures or designs boilers or boiler-related equipment for sale--nuclear components, fuel burning equipment such as burners or stokers, fuel preparation equipment such as pulverizers and heat recovery equipment such as superheaters, economizers, and preheaters.

An Associate member is any person or organization which has a facility located in the United States that manufactures products, produces fuels or supplies services for use in the manufacture or in conjunction with the use of a boiler or boiler-related equipment. An Associate may also do work associated with boiler inspections, boiler insurance, boiler product technology or consulting. Associate members have all the rights and privileges of their active counterparts, except that they have no voting rights.

362 American Coal Ash Association (ACAA)
Samuel S. Tyson, Executive Director
2760 Eisenhower Avenue, Suite 304
Alexandria, VA 22314
(703) 317-2400
Fax: (703) 317-2409

Members represent electric utility companies and systems, coal, and transportation companies; engineering, research, and development organizations; and ash marketing companies. Purposes are to provide technical assistance and information to coal ash producers, transporters, marketers, consumers, and other groups; to stimulate research and employment of ash uses, transport, and disposal; and to promote

utilization of ash through advertising and public relations programs, dissemination of information on ash production, transport, storage, utilization, and research. ACAA works with a wide variety of end-user industries and with Federal and State Government agencies, to develop materials specifications and guidelines for use of coal combustion by-products and, more recently, for clean coal technology by-products as well. Maintains a 500-item library, including manuals and technical papers.

363 American Coal Foundation (ACF)
Beatrice Burns, Executive Director
1130 17th Street, N.W., Suite 220
Washington, DC 20036
(202) 466-8630

Provides publications for grades K-12, some of which are available in classroom sets; activities and science fair ideas. Also available free of charge is a coal sample kit that contains samples of peat, lignite, bituminous coal, and anthracite, along with a brief description of the formation and different types of coal.

364 American College of Nuclear Physicians (ACNP)
Carol A. Lively, Executive Director
1200 19th Street, N.W., Suite 300
Washington, DC 20036
(202) 857-1135

Composed of 1,600 physicians and scientists who are dedicated to the advancement of the science of nuclear medicine through study, education, and improvement of the socioeconomic aspects of the practice. ACNP also conducts a professional and public information program to educate the media and public about the practice of nuclear medicine, biological radiation, and low-level waste management issues.

365 American Consulting Engineers Council (ACEC)
1015 15th Street, N.W., Suite 802
Washington, DC 20005
(202) 347-7474

Provides energy management services to commercial building owners. ACEC, a federation of State and local associations, provides referrals to engineering firms, and distributes publications on general energy information for commercial buildings.

366 American Council on Education
Sheldon Steinbach, Vice President and General Counsel
1 Dupont Circle, N.W., Suite 835
Washington, DC 20036
(202) 939-9355
Fax: (202) 833-4762

Provides information on pending energy legislation affecting colleges and universities. Provides information on ongoing energy education programs and examples of renewable energy and conservation projects undertaken by colleges and universities. All members of the academic community are invited to use the services of this organization.

367 American Gas Association (AGA)
Michael Baly III, President and CEO
1515 Wilson Boulevard
Arlington, VA 22209
(703) 841-8400

Provides information on sales, finance, utilization, research, management, safety, accounting, and all phases of gas transmission and distribution. Sponsors competitions among primary and secondary students and public service and informational advertising. Promotes employee and public safety. Compiles a wide variety of national and regional statistical, economic, financial, and marketing studies; develops operating practices and gas rate schedules for every type of service for virtually all gas companies. Maintains an independent committee which compiles standards on construction and performance of appliances and equipment, as well as special committees in areas of industry interest.

368 American Iron and Steel Institute (AISI)
Andrew G. Sharkey, President
1101 17th Street, N.W., Suite 1300
Washington, DC 20036
(202) 452-7100

Members include basic manufacturers and individuals in the steel industry. Members operate steel mills, blast furnaces, finishing mills, and iron ore mines. Products include pig iron, steel ingots, sheets, plates, bars, shapes, strips, tin plate, nails, pipe and tubes, railroad rails, wire products, and other basic forms of ferrous metals. Conducts extensive research programs on manufacturing technology, basic materials, environmental quality control, energy and fuels consumption.

369 American Lighting Association (ALA)
World Trade Center, Suite 10046
P.O. Box 580168
2050 Stemmons Freeway
Dallas, TX 75258-0168
(214) 698-9898
Fax: (214) 698-9899

Provides general and technical information on the efficient use of lighting. The ALA (formerly the American Home Lighting Institute) is composed of manufacturers and their marketing representatives and showroom distributors. ALA also provides requestors with referrals to showroom distributors of energy-efficient lighting products in their area.

370 American Petroleum Institute (API)
Charles J. DiBona, President
1220 L Street, N.W.
Washington, DC 20005

Publications Department:
(202) 682-8374

Library: (202) 682-8042

The American Petroleum Institute is a trade association that represents the domestic petroleum industry. For a list of current publications, call the Publications Department. For out-of-print API publications, contact the Library.

371 American Public Power Association (APPA)
Larry Hobart, Executive Director
2301 M Street, N.W.
Washington, DC 20037
(202) 467-2900

Members represent 1,750 municipally owned electric utilities, public utility districts, State and county-owned electric systems, and rural cooperatives. Maintains library on the electric power industry. Conducts research programs, compiles statistics, and offers utility education courses. Holds annual conference and four major workshops each year--Engineering and Operations; Legal Seminar; Energy/Consumer Services and Communications; Accounting, Finance, Rates and Information Systems.

372 American Society for Engineering Education (ASEE)
1818 N Street, N.W., Suite 600
Washington, DC 20036
(202) 331-3500
Fax: (202) 265-8504

Professional and academic engineers interested in improving and expanding the energy conservation and solar engineering curricula of colleges and universities through the United States should contact ASEE. Forty committees within ASEE span a wide variety of interests and members are invited to take an active part in their work.

373 American Society for Testing and Materials (ASTM)
James A. Thomas, President
1916 Race Street
Philadelphia, PA 19103
(215) 299-5400

ASTM members include engineers, scientists, managers, professionals, academicians, consumers, and skilled technicians who also hold membership as individuals in or as representatives of business firms, government agencies, educational institutions, and

laboratories. Establishes voluntary standards for materials, products, systems, and services. Has 130 technical committees (each having five to 50 subcommittees). New committees are organized each year to keep pace with technological advances. Sponsors more than 40 symposiums each year. Has developed more than 9,000 standard test methods, specifications, classifications, definitions, and recommended practices now in use.

374 American Society of Agricultural Engineers
2950 Niles Road
St. Joseph, MI 49085
(616) 429-0300

Responds to technical inquiries on biomass, alcohol fuels, vegetable oil fuels, solar energy, and wind energy. Publishes technical papers, books, conference proceedings, exports' anthologies on various subjects, and a bimonthly magazine entitled "Resource." A listing of publications and prices is available upon request.

375 American Society of Mechanical Engineers
345 East 47th Street
New York, NY 10017
(212) 705-7722
Fax: (212) 605-8750

Supply engineers and technically oriented laymen with information on standards and codes for heat transfer fluids, heat exchangers, and pressure vessels, including boilers and piping. Sponsors seminars and conferences on power generation and other mechanical engineering subjects. A publications catalog is available upon request.

376 American Underground Construction Association
511 11th Avenue, South
Suite 248
Minneapolis, MN 55415
(612) 339-5403
Fax: (612) 339-3207

As a multi-disciplinary, nonprofit, professional organization whose members are involved in the design, development, construction and use of underground facilities, provides information and educational materials on underground facilities to its members and the general public. Provides a forum where technical, economic, social, environmental, and policy-related issues about developing and using underground facilities are discussed.

377 Association of American Railroads (AAR)
Edwin L. Harper, President and CEO
American Railroads Building
50 F Street, N.W.
Washington, DC 20001
(202) 639-2100

Represents railroads operating in North America. The AAR conducts research and collects information in the following areas: alternative locomotive fuels; fuel security and management; the reduction of fuel consumption through engine modification, rail lubrication, and changes in railroad operations; and alternatives to diesel engines.

378 Association of Energy Engineers (AEE)
Ruth M. Bennett
Information Services Director
4025 Pleasantdale Road
Suite 420
Atlanta, GA 30340
(404) 447-5083

AEE members include engineers, architects, and other professionals with an interest in energy management and cogeneration, manufacturers and industries involved in energy and the environment. Promotes the advancement of the profession and contributes to the professional development of members. Conducts seminars. Sponsors The Cogeneration and Competitive Power Institute, the Environmental Engineers & Managers Institute, and the Demand-Side Management Society.

379 Association of Home Appliance Manufacturers
20 North Wacker Drive
Chicago, IL 60606
(312) 984-5800

Supplies information on the energy efficiency of specific brands of major appliances. A publications list is available upon request.

380 Biomass Energy Research Association (BERA)
Donald L. Klass, President
1825 K Street, N.W., Suite 503
Washington, DC 20006
(202) 785-2856
(800) 247-1755
Fax: (202) 223-4625

BERA is a nonprofit membership association founded in 1982 by industry and university researchers throughout North America who are interested in the development and commercial utilization of renewable, environmentally clean biomass energy systems. BERA's mission is to promote research in both the public and private sectors and to facilitate technology transfer from the laboratory to industry, information exchange, education, and international cooperation on biomass energy. BERA currently publishes an annual position statement on the Federal funding of biofuels research, demonstration, and technology transfer to the private sector; testifies before Congressional committees on Federal biomass energy programs; hosts bimonthly "Capitol Hill Luncheons" in Washington, DC, to improve communications and program

coordination and to educate policy makers on the potential of biomass energy; operates a Consultants' Clearinghouse and a Speakers' Bureau for members; provides an annual award of \$1,000, a plaque, and a certificate to recognize outstanding biomass energy research or commercialization; responds to inquiries from the public and private sectors on biomass energy; provides objective evaluations of selected proposals and research reports; participates in national and international meetings and conferences on biomass energy; and maintains affiliation with the journal *Bioresources Technology*. Recently, BERA published a vendors' catalog of renewable energy hardware and systems for the purpose of promoting U.S. exports.

381 **Brick Institute of America**
11490 Commerce Park Drive
Reston, VA 22091-1525
(703) 620-0010
Fax: (703) 620-3928

Offers information on the thermal properties of brick and its use in passive solar applications, as well as other aspects of brick design.

382 **Ceilings and Interior Systems Construction Association**
579 West North Avenue
Suite 301
Elmhurst, IL 60126
(708) 833-1919

Answers inquiries on interior insulation systems, interior lighting, air control, sound absorption, acoustics, and access floors. Offers information regarding recommendations on seismic, glass reinforced gypsum, and access floors.

383 **Consumer Energy Council of America Research Foundation (CECA/RF)**
Ellen Berman, Executive Director
2000 L Street, N.W.
Suite 802
Washington, DC 20036
(202) 659-0404

Founded in 1973, CECA/RF is the nation's senior public interest energy policy organization. CECA/RF provides a leading national resource pool of information, analysis, and expertise on a wide variety of energy initiatives; conducts in-depth analyses on economic and social impacts of energy policies; develops long-range conservation and loan management strategies for utility companies; designs pilot projects and conducts research on conservation initiatives for government agencies and private research foundations. CECA/RF has a primary commitment to ensuring reliable and affordable energy for all sectors of our Nation and, as such, places a strong emphasis on conservation and energy efficiency programs as the cornerstone of a sound energy economy. CECA/RF provides a forum for consensus

among public and private sector organizations, State and local groups, businesses, utilities, consumers, environmentalists, government agencies, and others to further consumer interests. CECA/RF has recently studied public policy issues relating to national transportation policy, the environmental externalities of energy production, transmission siting and certification issues, and air pollution emissions trading under the Clean Air Act Amendments of 1990. CECA/RF also publishes a monthly newsletter focusing on energy efficiency and policy entitled *The Quad Report*.

384 **Cooling Tower Institute (CTI)**
Virginia A. Manser, Administrator
530 Wells Fargo Drive #107
Houston, TX 77090
(713) 583-4087
Fax: (713) 537-1721

Goals are to improve technology, design, and performance of water conservation apparatus. Has developed standard specifications for cooling towers; provides inspection services. Conducts research through technical subcommittees. Sponsors workshops, seminars, and projects.

385 **Copper Development Association, Inc.**
260 Madison Avenue
New York, NY 10016-2401
(203) 625-8210

Supplies information on the use of copper for the production of renewable energy equipment. The organization represents copper mining companies, fabricating companies (such as brass and wire mills), smelting and refining companies, and foundries.

386 **Earth Energy Association (EEA)**
George Haas, Executive Director
777 North Capitol Street, N.E. Suite 805
Washington, DC 20002
(202) 289-0868

A non-profit trade association representing the Geothermal Heat Pump industry, whose members include electric utilities, manufacturers, distributors, dealers, architects, engineers, and builders. The EEA serves as a forum for the exchange of information affecting the Geothermal Heat Pump (GHP) industry and its relative trade allies; provides non-partisan credibility on behalf of the industry; maintains a communicative link with members of Congress and Federal agencies which oversee energy policy and federal spending; serves as a strong advocate for new laws, regulations, and incentives for improved energy efficiency standards; gathers, analyzes, and distributes information which defines the scope, standards, and trends within the GHP industry; organizes and conducts conferences and seminars for utilities, trade organizations, and government agencies; maintains a library of pertinent published literature and historical data.

387 Eastern Region Coalbed Methane Information Center
 The University of Alabama
 Box 870211
 205 Tom Bevill Building
 Tuscaloosa, AL 35487

Marcia S. Irvin
 Information Specialist/Geologist
 (205) 348-2839
 Fax: (205) 348-9268

Provides information and research assistance on all aspects of coalbed methane research, development and field activities through the Eastern Regional Coalbed Methane Information Center (Center). The Center, established in 1985, is a cooperative venture of the Gas Research Institute (GRI), ICF Resources, and the University of Alabama Libraries. The Center focuses primarily on the Black Warrior and San Juan basins but also provides material covering less known basins, including the Piceance, Powder River, Arkoma, Illinois, Wind River, Green River and all of the Appalachian areas. The Center is a non-circulating library. Photocopies of materials may be obtained at a nominal charge. The Center maintains a hard-copy collection of pertinent published literature on coalbed methane and related industry.

388 Edison Electric Institute (EEI)
 Lynn LeMaster, Vice President
 Government Relations
 701 Pennsylvania Avenue, N.W.
 Washington, DC 20004-2696
 (202) 508-5475

Represents investor-owned electric utility companies operating in the United States. Has affiliated members in North, Central, and South America.

389 Electrical Generating Systems Association (EGSA)
 David L. Kellough, Executive Director
 10251 W. Sample Road #B
 Coral Springs, FL 33065-3939
 (305) 755-2677

Members include manufacturers of devices used to generate electrical power through the use of an internal combustion engine or a gas turbine coupled to a generator; their suppliers and distributors. Conducts basic and advanced training programs. Compiles statistics.

390 Electric Generation Association
 Margaret A. Welsh, Executive Director
 2101 L Street, N.W.
 Suite 405
 Washington, DC 20037
 (202) 965-1134

Represents independent power producers and suppliers of goods and services to the competitive wholesale electric industry.

391 Electricity Consumers Resource Council (ELCON)
 John A. Anderson, Executive Director
 1333 H Street, N.W., West Tower, 8th Floor
 Washington, DC 20005
 (202) 682-1390

Represents industrial users of electricity. Represents viewpoints of industrial users of electricity users to suppliers, regulators, and State and Federal Government bodies. Promotes dialogue on electricity management. Researches reasons for increasing electricity costs and possible ways to contain the increase. Holds workshops and seminars.

392 Engineered Wood Association
 7011 S. 19th Street
 P.O. Box 11700
 Tacoma, WA 98411
 (206) 565-6600
 Fax: (206) 565-7265

Provides information on the various aspects of structural wood panels. Builders and contractors may call with questions on energy conservation and the insulating properties of wood. The Association, representing 50 member companies in both the United States and Canada, is involved in quality testing and inspection, research and development, and product promotion.

393 Florida Alliance for Clean Technologies
 C. Robert Suggs
 601 Clearwater Park Rd., Suite 202
 West Palm Beach, FL 33401
 (305) 552-4049
 Fax: (305) 552-3573

Represents manufacturers, researchers, engineers and business professionals. The members develop, promote and advance clean technologies including, but not limited to, electric vehicles and electric transportation, clean (zero or low emitting) electric power generation and other environmentally beneficial technologies or fuels. Professionals provide end-to-end solutions for an entire inter-modal transportation arena which is responsive to an environmentally sound picture, utilizing team arrangements for the open exchange of ideas and expertise.

394 Florida Solar Energy Industries Association
Contact: Colleen Kettles
6208 W. Corporate Oaks Drive
Crystal River, FL 34429
(904) 795-9095
Fax: (904) 795-7440

A statewide trade association of contractors, manufacturers, distributors, and suppliers of solar thermal, photovoltaic, and energy conservation equipment; promotes the solar energy industry in Florida. Provides general and technical information and assistance on solar energy to the general public and professionals.

395 Gas Appliance Manufacturers Association (GAMA)
C. Reuben Autery, President
1901 North Moore Street
Suite 1100
Arlington, VA 22209
(703) 525-9565

Members are manufacturers of residential, commercial, and industrial gas appliances and equipment, including equipment used in the production, transmission, and distribution of fuel gases. Represents members before Federal and State legislative and regulatory bodies and consumer groups. Serves as a force for product improvement, a source of market statistics, and a means for product promotion and industrial publicity.

396 Gas Processors Association (GPA)
Mark F. Sutton, Executive Director
6526 East 60th Street
Tulsa, OK 74145
(918) 493-3872

Firms producing, processing, and handling natural gas liquids, and other hydrocarbon products (such as liquefied petroleum gases) at gas-processing plants. Develops technical standards and specifications for products; compiles basic data on hydrocarbon behavior, testing procedures, laboratory analysis, and plant safety practices. Cooperates with educational institutions on specific research projects; compiles statistics.

397 Gas Research Institute (GRI)
Stephen D. Ban, President and CEO
Headquarters
8600 West Bryn Mawr Avenue
Chicago, IL 60631
(312) 399-8100
Fax: (312) 399-8170

Washington Operations
1331 Pennsylvania Avenue, N.W.
Suite 730 North
Washington, DC 20004-1703
(202) 622-8989
Fax: (202) 347-6925

Gas Research Institute (GRI) is a nonprofit membership organization of the natural gas industry. GRI plans, manages, and develops financing for a research and development program designed to advance natural gas supply, transport, storage, and end-use technologies and to conduct related basic research. New products, processes, and information resulting from GRI's results-oriented program provide cost savings and other benefits for the natural gas industry and gas consumers nationwide.

398 Hearth Products Association
Carter Keithley, President
1555 Wilson Boulevard
Suite 300
Arlington, VA 22209
(703) 875-8711
Fax: (703) 812-8875

The Hearth Products Association is the national trade association for the hearth industry. The organization was founded in 1980 when the Fireplace Institute and the Wood Energy Institute united to form the Wood Heating Alliance. In January 1992, the Alliance officially changed its name to the Hearth Products Association to better reflect the diversity within the industry and the range of products and services offered by its members. Under the direction of industry leaders, HPA is making important strides in promoting the safe use of wood, coal, and other alternative fuels and in protecting the hearth industry's livelihood.

399 Hydronics Institute
35 Russo Place
P.O. Box 218
Berkeley Heights, NJ 07922
(908) 464-8200
Fax: (908) 464-7818

The Hydronics Institute is a nonprofit organization, established to improve and promote the use of hydronic (steam and hot water) heating and allied cooling systems. In addition to an extensive literature list, including detailed design guides for all types of hydronic heating, the Institute publishes a yearly ratings manual of boilers and radiation equipment. A list of literature is available.

400 Illuminating Engineering Society of North America (IESNA)
William Hanley, Executive Vice President
120 Wall Street, 17th Floor
New York, NY 10005-4001
(212) 248-5000, Ext. 114

The Illuminating Engineering Society of North America was founded in 1906 to establish scientific lighting recommendations and to disseminate this information to all interested parties. It is the recognized authority on lighting in North America. Offers continuing education through section and regional meetings, technical conferences, and

symposiums. The Society's membership includes engineers, architects, designers, educators, students, contractors, distributors, utility personnel, scientists, physicians and manufacturers. Almost 10,000 individual members and 550 sustaining member companies comprise the membership of IESNA. It publishes the IESNA Handbook, standards, recommended practices, etc., in addition to its monthly magazine, *Lighting Design and Applications*, and its bi-annual journal.

401 Independent Electrical Contractors (IEC)
Dwight "Ike" Casey, Executive Vice President
507 Wythe Street
Alexandria, VA 22314
(703) 549-7351

Members include independent electrical contractors, small and large, primarily open shop. Promotes the interests of members regardless of their labor affiliation; works to eliminate "unwise and unfair business practices" and to protect its members against "unfair or unjust taxes and legislative enactments." Sponsors electrical apprenticeship programs; conducts research and educational programs on estimating procedures, cost control, and personnel motivation. Represents independent electrical contractors to the National Electrical Code panel. Conducts surveys on volume of sales and purchases and on type of products used. Sponsors annual legislative workshop. Has formulated National Pattern Standards for Apprentice Training for Electricians.

402 Independent Liquid Terminals Association (ILTA)
John Prokop, President
1133 15th Street, N.W., Suite 650
Washington, DC 20005
(202) 659-2301

International trade association which represents commercial operators of for-hire bulk liquid terminals and tank storage facilities located in North and South America, Europe, Asia, the United Kingdom, Australia, New Zealand and South Africa. These terminals interconnect with and provide services to the various modes of bulk liquid carriers, namely oceangoing tankers, tank barges, tank trucks, tank rail cars, and pipelines. The commodities handled include a variety of chemicals, crude oil, petroleum products, asphalt, animal fats and oils, vegetable oils, molasses, spirits, and fertilizers.

403 Independent Lubricant Manufacturers Association (ILMA)
Richard H. Ekfelt, Executive Director
651 South Washington Street
Alexandria, VA 22314
(703) 684-5574

Independent compounders and blenders of automotive, industrial, and metal working lubricants and greases.

Associate members are base stock, additive, and packaging equipment suppliers. Conducts educational and regulatory compliance programs. Represents industry before Congress and Federal regulatory agencies and interacts with other industry groups. Compiles statistics; publishes monthly newspaper; maintains enforceable Code of Ethics.

404 Independent Petroleum Association of America (IPAA)
Denise A. Bode, President
1101 16th Street, N.W.
Washington, DC 20036
(202) 857-4722

Members include independent oil and gas operators, royalty owners, and others (suppliers, drilling contractors, bankers, oil attorneys, trucking contractors, and rig building contractors) interested in the production of crude oil and natural gas. Represents small oil and natural gas producers in legislative and regulatory areas at the Federal level. Maintains speakers' bureau; compiles statistics.

405 Institute of Gas Technology (IGT)
Bernard S. Lee, President
1700 S. Mt. Prospect Road
Des Plaines, IL 60018-1804
(708) 768-0500

Nonprofit research and education organization founded in 1941. Conducts contract research for Government and industry in environmental and nonnuclear energy technology. Members include companies engaged in the production, processing, transmission, and distribution of natural gas and related fuels, oil and coal producers, engineering firms, and large energy users. Areas of research specialization include molten carbonate fuel cells, the application of biotechnology to energy and environmental problems, improved utilization technology, the conversion of coal, oil shale, biomass, and waste to clean energy, natural gas distribution research, and natural gas vehicles. Offers short courses in gas production, distribution, economics, and marketing. Sponsors symposiums on current topics in non-nuclear energy. Maintains library of over 300,000 volumes.

406 International Association of Drilling Contractors (IADC)
Lee Hunt, President
P.O. Box 4287
Houston, TX 77210-4287
(713) 578-7171
Fax: (713) 578-0589

Membership comprises land and offshore drilling contractors, major and independent oil-and-gas producing companies, equipment manufacturers, oil field service and supply firms, and training facilities. Represents the global drilling industry before legislative and regulatory bodies at the State, Federal,

and international levels. Complies statistics on active rotary drilling rigs worldwide and on drilling safety. Publishes periodicals, reference books, training manuals, and forms. Conducts educational and professional meetings and seminars. There are 18 chapters worldwide, with headquarters in Houston, Texas, and other offices in Washington, DC, London, and the Netherlands.

407 Interstate Natural Gas Association of America (INGAA)
Jerald V. Halvorsen, President
555 13th Street, N.W.
Suite 300-West
Washington, DC 20004
(202) 626-3200

Trade association representing interstate natural gas pipelines in the United States and interprovincial pipelines in Canada. INGAA's members account for over 90 percent of the natural gas sold or transported in interstate commerce in the United States.

408 Masonry Heater Association of North America
11490 Commerce Park Drive
Reston, VA 22091
(703) 620-3171

Trade association whose members build and manufacture masonry heaters. Masonry heaters are cord wood heaters which burn very cleanly. This organization was formed as an offshoot of the Masonry Heater Committee of ASTM (the world's largest standards setting body). It was set up to further the aims of the masonry heating industry by sharing information and building techniques, and encouraging masons to become qualified heater builders. One of its goals is to establish a teaching and certification program for all masonry heater builders.

409 National Association of Energy Service Companies (NAESCO)
Terry Singer, Executive Director
1440 New York Avenue, N.W.
Washington, DC 20005
(202) 371-7812

Members include individuals and firms providing energy efficiency services or electrical or thermal energy as an unregulated business activity by using a range of performance-based contracting and financing mechanisms, and nonprofit and Government bodies interested in the energy service industry. Purpose is to provide industry representation at all regulatory and government levels. Seeks to inform the public regarding performance contracting and financing of alternative energy and energy conservation programs. Promotes the development, growth, and status of the energy service industry. Serves as an information clearinghouse through bimonthly publication *Energy*

Efficiency Journal. Holds two major conferences yearly.

410 National Association of State Utility Consumer Advocates (NASUCA)
Debra Berlyn, Executive Director
1133 15th Street, N.W., Suite 575
Washington, DC 20005
(202) 727-3908

The National Association of State Utility Consumer Advocates (NASUCA) is a national organization comprised of 44 offices of ratepayer advocates in 38 States and the District of Columbia. These advocates represent millions of American consumers served by investor-owned gas, telephone, electric, and water companies. It is the only national organization of its kind in the United States. NASUCA members are utility consumer advocate offices which operate independently from the regulatory commissions in their States. All are designated by State law to act as ratepayer advocates. The constituency, scope, and size of the member agencies vary. Some of the advocates are separately established utility advocate organizations, while others function as divisions or branches within larger State departments, such as the Office of Attorney General. Non-voting affiliate members of NASUCA serve utility consumers but these offices have not been created by State law nor do they have statewide authority.

411 National Electrical Contractors Association, Inc. (NECA)
John M. Grau, Executive Vice President
3 Bethesda Metro Center, #1100
Bethesda, MD 20814
(301) 657-3110

Comprised of electrical contractors erecting, installing, repairing, servicing, and maintaining electric and telecommunications equipment, wiring, controls, and appliances. Provides labor relations and member services, including management development, marketing and sales support, research and education, codes and standards, government relations, and joint relations with suppliers of electric power and products. Also publishes monthly magazine, *Electrical Contractor*. There are approximately 4,000 member companies organized into 119 independent chapters nationwide.

412 National Electrical Manufacturers Association (NEMA)
Bernard H. Falk, President
2101 L Street, N.W.
Washington, DC 20037
(202) 457-8400

Comprised of companies that manufacture equipment used for the generation, transmission, distribution,

control, and utilization of electric power, such as electrical machinery, motors, wire and cable, and equipment for industrial automation, construction, medical diagnostic imaging, communication, and lighting. Objectives are: to maintain and improve quality and reliability of products; to ensure safety standards in manufacture and use of products; to organize and act upon members' standards, testing, and certification issues, international trade energy conservation and efficiency, marketing opportunities, economic matters, and product liability. Develops product standards covering such matters as nomenclature, ratings, performance, testing, labeling and dimensions; participates in developing National Electrical Code and advocates its acceptance by State and local authorities; contributes to the development of American National Standards; conducts regulatory and legislative analyses on issues of concern to electrical manufacturers; complies and issues periodic summaries of statistical data on such factors as sales, new orders, unfilled orders, cancellation, production, and inventories.

413 National Hydropower Association (NHA)
Linda Church Ciocci
122 C Street, N.W., Fourth Floor
Washington, DC 20001
(202) 383-2530

Association of independent power producers, investor-owned utilities, public utilities, equipment manufacturers, developers, engineers, and attorneys involved in the hydroelectric industry. The association serves to represent the industry at all regulatory and governmental levels. Promotes pumped storage projects and development opportunities overseas. Dispenses information through a monthly newsletter and an annual conference.

414 National Independent Energy Producers (NIEP)
Merribel S. Ayres, Executive Director
601 13th Street, N.W., Suite 320 South
Washington, DC 20005
(202) 783-2244

NIEP is an association of companies that build, own and operate independent power generation facilities, selling electricity in competitive power markets and steam to industrial companies. NIEP member companies use a broad spectrum of fossil fuel-fired and renewable technologies. The association's mission is to create and preserve a legislative and regulatory climate in which competitive, environmentally responsible independent electric energy industry can flourish.

415 National Lubricating Grease Institute (NLGI)
Duane J. Fike, General Manager
4635 Wyandotte Street, Suite 202
Kansas City, MO 64112
(816) 931-9480
Fax: (816) 753-5026

Represents companies manufacturing or selling all types of lubricating greases; suppliers of such companies; technical and educational organizations. Promotes research and testing for developing of better lubricating greases and for providing better grease lubrication engineering service to industry; collects and disseminates technical data; conducts forums and educational program; publishes a monthly trade journal. Membership includes international companies.

416 National Mining Association (NMA)
Richard L. Lawson, President and CEO
1130 17th Street, N.W.
Washington, DC 20036
(202) 463-2625

The National Mining Association serves as the information center for the U.S. mining industry as well as the political presence for mining in Washington. The association works closely with Congress, the Executive Branch and Federal agencies to insure the establishment of constructive policies that will best enable the mining industry to serve the needs of the nation. The NMA's 400 members represent producers of most of America's coal, metals, industrial and agricultural minerals; manufacturers of mining and mineral processing machinery, equipment and supplies; transporters; financial and engineering firms; and other businesses related to coal and hardrock mining.

417 National Rural Electric Cooperative Association (NRECA)
Glenn English, Executive Vice President and General Manager
1800 Massachusetts Avenue, N.W.
Washington, DC 20036
(202) 857-9500
Fax: (202) 857-4150

National service organization representing rural electric cooperatives, public power districts, and public utility districts in 46 States. Activities include legislative representation; energy, regulatory and legal expertise; industry public relations; publication of a magazine and newsletter; management institutes; professional conferences; training and energy research and development consulting services; insurance and safety programs; women's and youth programs; wage and salary surveys; and an international program.

418 Natural Gas Supply Association (NGSA)
Nicholas J. Bush, President
1129 20th Street, N.W., Suite 300
Washington, DC 20036
(202) 331-8900

Represents companies that produce and market over 90 percent of the domestic natural gas consumed annually. Established in 1965, NGSA encourages expanded use of natural gas and a regulatory climate that fosters steady supplies and competitive markets. NGSA is active on all Federal legislative and regulatory issues involving the exploration for, production of, and marketing of natural gas. It has a State information program with outreach to public utility commissions. NGSA's primary economic product is its annual deliverability survey.

419 Natural Gas Supply Information Center
Lea Wade, Information Specialist
University of Houston
Dobrin Memorial Library (AGL)
Houston, TX 77204-4231
(713) 743-9158
Fax: (713) 743-9164

One of four Natural Gas Supply Information Centers (NGSICs) established by the Gas Research Institute (GRI). Each NGSIC features the most up-to-date non-circulating collection of research results on natural gas production from conventional, gas shale, coal seam, and tight gas sand reservoirs. The Centers' Information Specialists conduct searches and gather information on chosen topics at no charge from available published and unpublished sources. Topic areas include geology and geophysics, well stimulation and completion, reserve appreciation, environmental implications of producing and processing natural gas, quality control, and field operations. The NGSIC's offer their services to the gas industry, both locally and throughout the United States, and the research community. The information available at the NGSIC's is intended to help ensure a more secure supply of natural gas for the Nation's consumers. GRI's other NGSIC is located in Denver, Colorado.

420 North American Electric Reliability Council (NERC)
Michehl R. Gent, President
Princeton Forrestal Village
116-390 Village Boulevard
Princeton, NJ 08540-5731
(609) 452-8060
Fax: (609) 452-9550
BBS: (609) 452-7669
E-Mail: info@nerc1.nerc.com

The North American Electric Reliability Council (NERC) is the principal organization for coordinating, promoting, and communicating the reliability of North America's electric utilities. It is a nonprofit company

owned by nine regional councils. The members of the regional councils and one affiliate are individual electric utilities from all ownership segments of the electric utility industry investor-owned, municipal, rural electric cooperatives, and Federal utilities as well as independent power producers, power marketers, and power brokers. These entities account for virtually all the electricity supplied in the United States, Canada, and the northern portion of Baja, California, Mexico. NERC annually reviews the reliability and adequacy of the bulk electricity systems in North America, maintains several data bases (including the Generating Availability Data System), facilitates development of reliability-related planning and operating criteria and standards, and publishes related reports and reference documents.

421 Nuclear Energy Institute
Edward M. Davis, President
1776 I Street, N.W., Suite 400
Washington, DC 20006
(202) 484-2670

Consists of representatives from electric utilities, manufacturers, industrial firms, research and service organizations, educational institutions, labor groups, and Government agencies engaged in development and utilization of nuclear energy, especially nuclear-produced electricity, and other energy matters. Maintains speakers' bureau; compiles statistics and public attitude data; operates library of books, periodicals, government documents, and audiovisual material.

422 Pellet Fuels Institute (PFI)
5275 Edina Industrial Boulevard
Edina, MN 55439
(612) 831-3203
Fax: (612) 831-3283

The Pellet Fuels Institute is a private, nonprofit trade and research association for the pellet fuels industry and the residential and light commercial pellet appliance industry. The Institute, founded in 1982, is a merger of the Fiber Fuels Institute and the Association of Pellet Fuels Industries. The PFI members are made up of wood pellet fuel retailers, distributors, manufacturers, industry consultants, equipment suppliers and appliance manufacturers. In addition, the Processed Engineered Fuels caucus is made up of consultants, corporations, government officials, research laboratories, alternative fuel manufacturers, fuel consumers and equipment suppliers to this growing industry. The Institute sets the standards for the wood pellet fuel industry and is working with government agencies to establish goals and set standards for processed engineered fuels. The Institute also manages a nationwide environmental assistance program for corporations that is funded by DOE, Office of Industrial Technologies aimed at reducing the flow of manufacturing residues to landfills.

423 Petroleum Marketers Association of America (PMAA)
Phillip R. Chisolm, Executive Vice President
1120 Vermont Avenue, N.W., Suite 1130
Washington, DC 20005
(202) 331-1198

Federation of 44 State and regional petroleum marketing associations with approximately 11,000 independent wholesale petroleum marketers (jobbers) and retail fuel oil dealers as members. Seeks to preserve the private enterprise risk-reward system; prevent undue economic concentration; insure a favorable competitive climate in petroleum distribution; and encourage an adequate supply of petroleum products in order to best serve the customer.

424 Potential Gas Committee
Potential Gas Agency
Colorado School of Mines
John B. Curtis, Director
Golden, CO 80401
(303) 279-4320

Provides estimates of the potential supply of natural gas which, in conjunction with estimates of proved reserves of natural gas, make possible an appraisal of long-range supply. Comprised of volunteer members from the natural gas industry, government agencies, and academic institutions who are concerned with natural gas resources. Functions independently but with the guidance and assistance of the Potential Gas Agency of the Colorado School of Mines.

425 Service Station Dealers of America and Allied Trades
Roy Littlefield, Executive Vice President
D. G. "Jim" Daskal, General Counsel
9420 Annapolis Road #311
Lanham, MD 20706-3021
(301) 577-4956

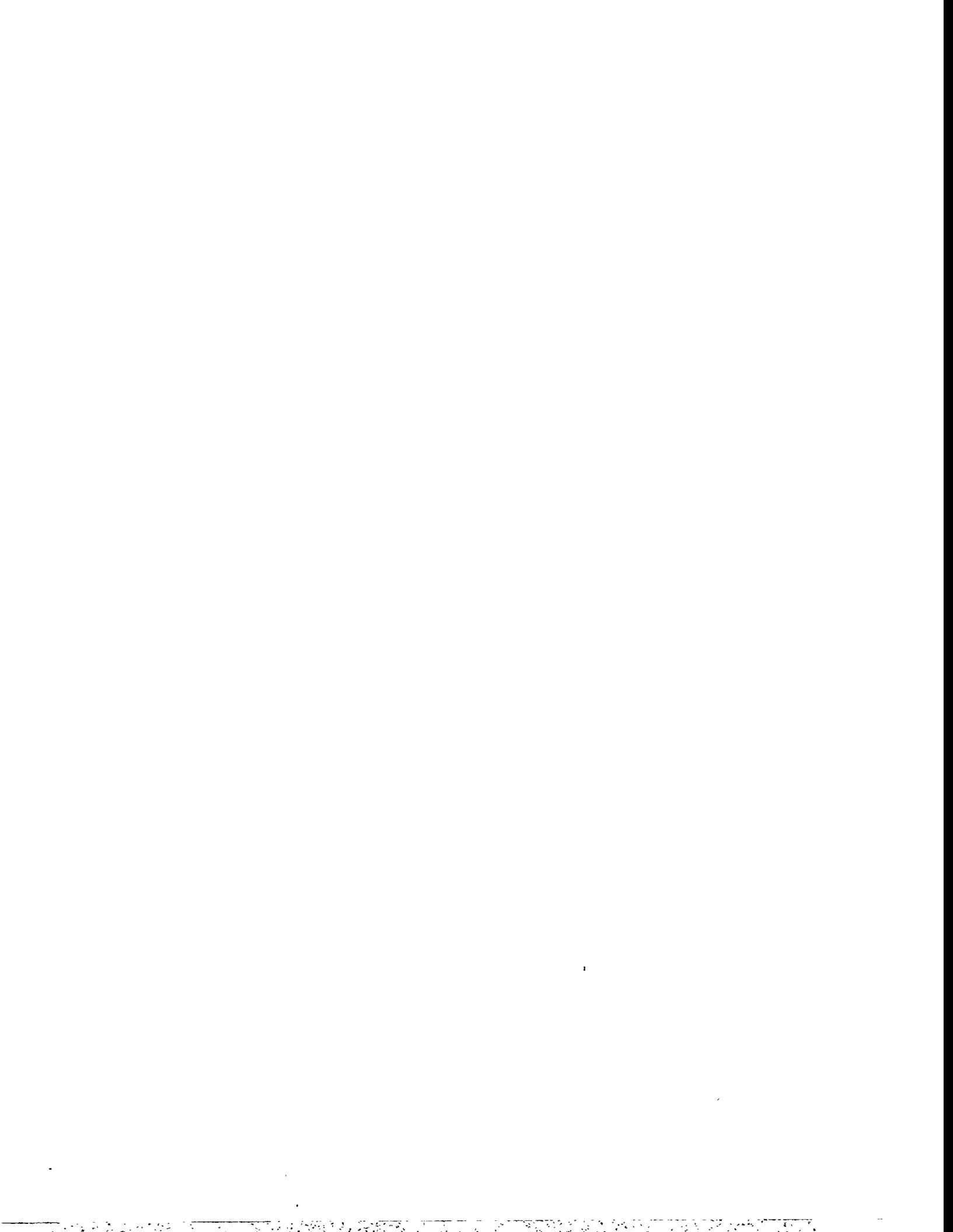
Service station operators who are members of affiliated State and local associations.

426 Underground Space Center
University of Minnesota
790 Civil and Mineral Engineering Building
500 Pillsbury Drive, SE
Minneapolis, MN 55455
(612) 624-0066

As a research center for underground space use, planning, and habitability, determines guidelines for the design and structure of underground facilities. Monitors energy use in underground facilities and building foundations. Provides technical information on underground design and construction to professions and the general public. Additional research areas include the underground urban infrastructure; geomechanics; frost heave in soils; and building weatherization.

427 U.S. Enrichment Corporation (USEC)
Barbara Arnold
6903 Rockledge Drive
Bethesda, MD 20817
(301) 564-3200
Fax: (301) 564-3201

Produces and sells uranium enrichment services to domestic international utility customers.



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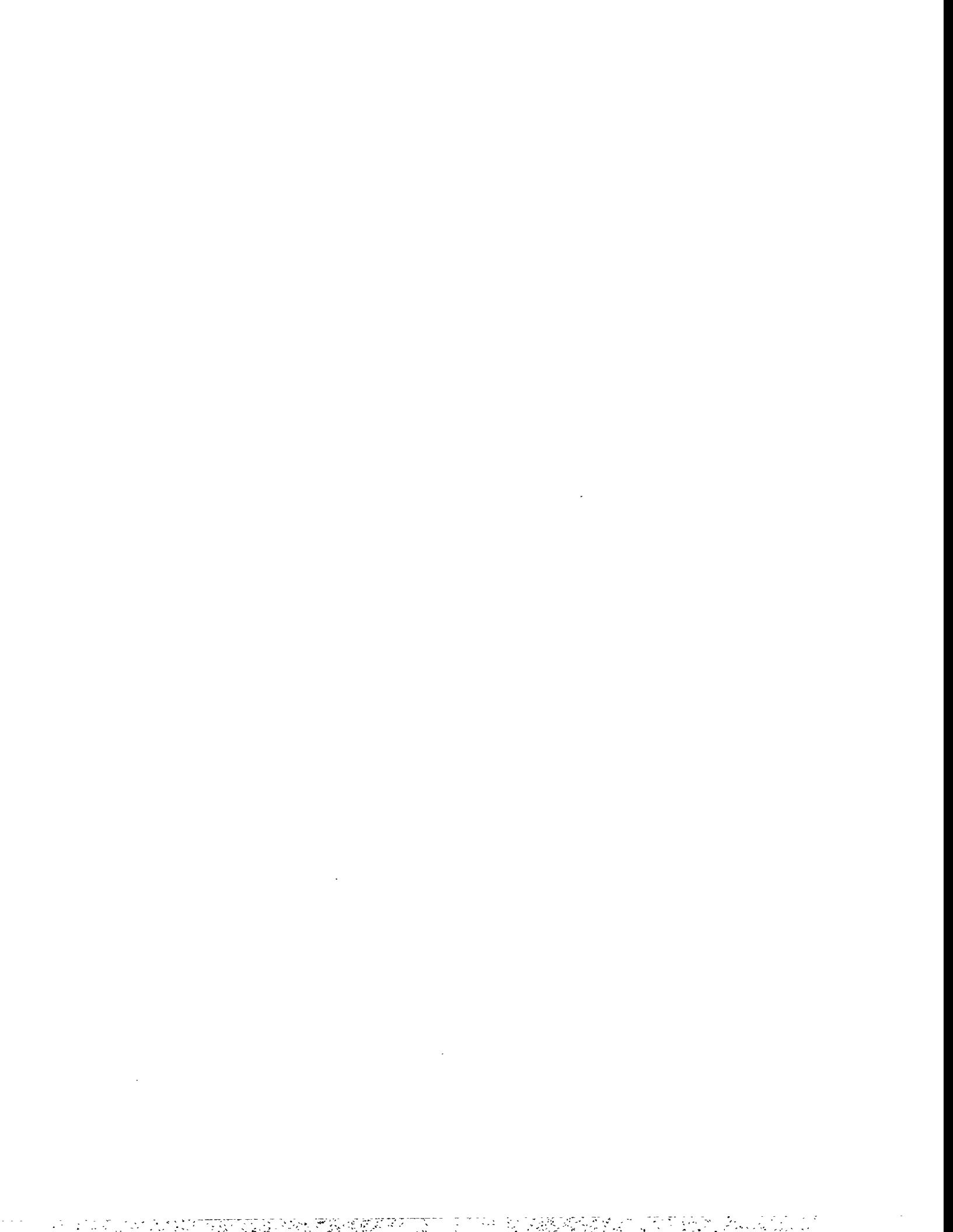
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