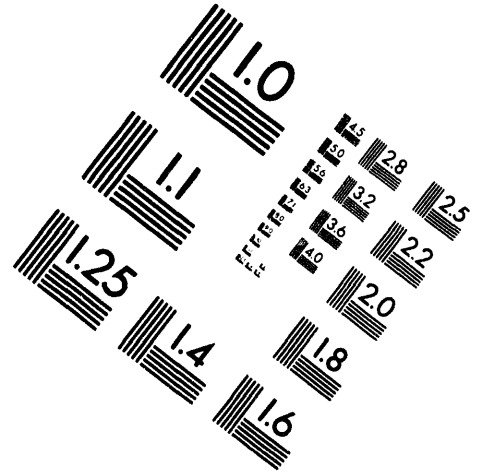


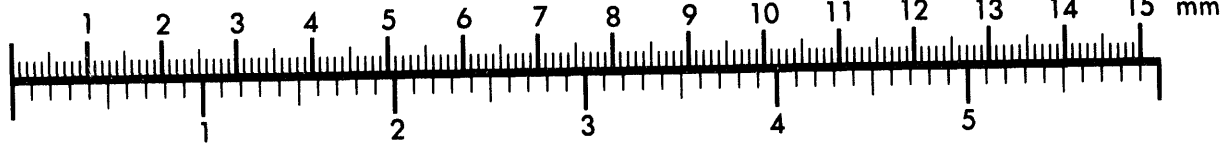
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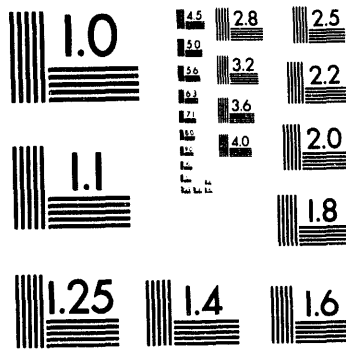
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301/587-8202



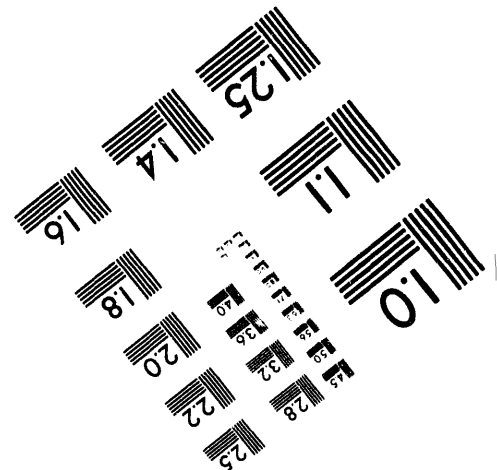
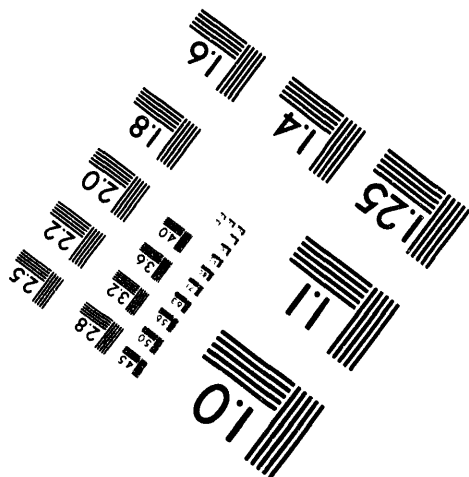
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Energy Information Directory 1994

March 1994

**Energy Information Administration
National Energy Information Center
U.S. Department of Energy
Washington, DC 20585**

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MASTER

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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* is a list of 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 issue. 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 or FTS 896-1171. The *Directory* is free and can be obtained from NEIC at the following address:

National Energy Information Center
Energy Information Administration
U.S. Department of Energy
EI-231, Forrestal Building
Washington, DC 20585
(202)586-8800
TTY: For people who are deaf
or hard of hearing: (202) 586-1181

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Information Centers

- 1** **Conservation and Renewable Energy
Inquiry and Referral Service
(CAREIRS)**
P. O. Box 8900
Silver Spring, MD 20907
(800) 523-2929 (Continental United States)
(800) 233-3071 (Alaska and Hawaii)

Provides information on the full spectrum of renewable energy technologies and energy conservation, including active/passive solar, solar thermal, photovoltaics, wind, biomass, alcohol fuel, hydroelectric, geothermal, and ocean thermal energy. CAREIRS also maintains contact with a nationwide network of public and private organizations that specialize in highly technical or regionally specific information. CAREIRS is the successor to the National Solar Heating and Cooling Information Center.

- 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

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.

- 3** **National Appropriate Technology
Assistance Service (NATAS)**
George Everett, Senior Information
Specialist
P.O. Box 2525
Butte, MT 59702-2525
(800) 428-2525
(800) 428-1718 (Montana only)

Provides tailored information responses, engineering/scientific technical assistance, and business assistance to help Americans implement energy-saving appropriate technologies. NATAS provides more detailed technical assistance than other programs and helps entrepreneurs develop appropriate technology.

- 4** **National Energy Information Center
(NEIC)**
EI-231, Room 1F-048, Forrestal
(202) 586-8800
TTY: (202) 586-1181
Fax: (202) 586-0727

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 free of charge to all users. Ordering information on EIA machine-readable files available through the National Technical Information Service (NTIS) and the Government Printing Office may be obtained from NEIC.

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Single Copy Distribution
Karen Freedman

Information About Obtaining Machine-Readable Modeling
Tapes, Data Files, and Diskettes
(202) 586-8800

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

5 **National Institute for Petroleum and
Energy Research (NIPER)**
Bill Linville, Oil Editor
P.O. Box 2128
Bartlesville, OK 74005
(918) 337-4375

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 Bar-

tesville 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.

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

Provides direction and leadership for the Department-wide 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 data bases to provide access to energy literature, DOE research in progress, and DOE-developed software. OSTI also maintains a registry of energy publications produced by the Department for the public; develops specialized information systems and products in response to the needs of DOE program managers; represents DOE in international technical information exchanges, for example with the International Energy Agency, the International Atomic Energy Agency, and bilateral; and provides energy information to the public through the National Technical Information Service.

General Information
(615) 576-4463

Technical Reports
(615) 576-8401

Data Bases
(615) 576-1175

Department of Energy/Washington

Departmental Advisory Committees

- 7 American Statistical Association
Committee on Energy Statistics (ASA)**
Renee Miller
EI-72, Room 307, H Street
(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, 1992.

- 8 Environmental Restoration and Waste
Management Advisory Committee
(EMAC)**
James T. Melillo, Executive Secretary
EM-1, Room 5B-151, Forrestal
(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 the Department's customers with opportunities to make their views known.

- 9 Basic Energy Sciences Advisory
Committee (BESAC)**
Diane Stull
ER-10, Room J-304, Germantown
(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 the Department'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)**
Elsie L. Patterson
ER-70, Room J-104, Germantown
(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 F-336, Germantown
(301) 903-4140

Established on January 13, 1967, to provide advice and guidance on a continuing basis to the Secretary of Energy, through the Director of Energy Research, on the national high energy physics research program which encompasses the Superconducting Super Collider activities. HEPAP activities include: (a) periodic reviews of the program and recommendation 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 program; (c) advice on recommended appropriate levels of funding to assure a world leadership position and helping maintain appropriate balance between competing elements of the program; and (d) advice and guidance 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
(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 matters.

13 National Petroleum Council (NPC)
Margie Biggerstaff
FE-5, Room 4G-055, Forrestal
(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.

14 Secretary of Energy Advisory Board (SEAB)
Jake W. Stewart, Jr.
HR-2, Room 7B-198, Forrestal
(202) 586-7092

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.

15 OFFICE OF THE ASSISTANT SECRETARY FOR CONGRESSIONAL, INTERGOVERNMENTAL, AND INTERNATIONAL AFFAIRS (CI)
William J. Taylor, III, Assistant Secretary
CI-1, Room 7B-138, Forrestal
(202) 586-5450

Responsible for developing, managing, and ensuring coordination of all Departmental relations with the Congress, State, territorial, local and Native American government officials, other Federal agencies, and the international community. The Assistant Secretary represents the Secretary and serves as the Department's principal point of contact with the Congress, State, local, Native American and foreign government officials, and other external organizations and groups. These activities are conducted in consultation with the White House offices on legislative and intergovernmental affairs and the Department of State on international issues.

16 Office of Resource Management
T. J. Hopkins, Director
CI-10, Room 8G-082, Forrestal
(202) 586-1351

This Office is responsible for the support activities associated with congressional, intergovernmental, and international affairs' day-to-day activities. Staff provide policy advice on administration, management, and human resources. The Office provides resource management support to the Assistant Secretary and other staff and serves as a key advisor to assist in the development of comprehensive short- and long-range organizational and resource plans; develops and implements budget formulation, presentation, and execution; and develops, coordinates, and implements Communications Plans to announce major program and policy initiatives. The Office is responsible for the coordination and scheduling of non-appropriations congressional hearings, including

managing the departmental concurrence process for testimony, responding to questions, and editing transcripts following hearings. Provides advance notification of contract and grant awards to members of Congress. Gathers background information on congressional activities, votes and priorities, and/or interests of members of Congress and provides research and analysis of energy legislation and Congressional actions affecting energy-related issues; and develops and monitors reports that track energy legislation.

17 Office of Governmental Relations
Vacant, Director
CI-20, Room 8E-070, Forrestal
(202) 586-5466

This Office serves as the central point of contact for Congressional internationals on a day-to-day basis and provides support for the activities of the Deputy Assistant Secretaries for Senate and House Liaisons in developing legislative strategies and providing expertise on congressional interests and issues regarding legislation and hearings on sensitive legislative proposals. In addition, staff works closely with Members of Congress and their staffs and senior departmental officials on legislative initiatives and providing expertise on congressional interests and issues. Staff is also responsible for analyzing and reviewing materials relating to legislation.

18 Office of the Deputy Assistant Secretary for House Liaison
Vacant, Deputy Assistant Secretary
CI-40, Room 7B-118, Forrestal
(202) 586-5468

Office of the Deputy Assistant Secretary for Senate Liaison
Vacant, Deputy Assistant Secretary
CI-50, Room 7B-118, Forrestal
(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 the Department's energy policies and programs.

19 OFFICE OF THE ASSISTANT SECRETARY FOR DEFENSE PROGRAMS (DP)
Victor H. Reis, Assistant Secretary
DP-1, Room 4A-014, Forrestal
(202) 586-2177
Office of the Executive Director for Policy, Planning, and National

Environmental Policy Act (NEPA) Coordination
Gregory P. Rudy, Executive Director
DP-3, Room 4A-019, Forrestal
(202) 586-2177

Identifies and assesses operational issues and resolves problems concerning program execution which cut across organizational lines and authorities. Coordinates the development of DP policy and the development of Strategic and Multi-Year Program Plans, manages internal DP activities in the Office of Congressional and Public Affairs, plans and coordinates DP NEPA compliance and policy activities, and oversees the operation of the executive correspondence system.

20 Office of the Deputy Science and Technology Advisor
Warren P. Chernock, Deputy Director
DP-4, Room 4A-045, Forrestal
(202) 586-7590

Provides input to the Science and Technology Advisor on issues that cut across major programmatic lines within DOE. Is responsible for cross-cutting assessments of weapons-related R&D programs. Reviews and approves work for non-DOE sponsors, manages DP programs in technology transfer and education, and serves as the principal Defense Programs liaison to outside scientific organizations.

21 Office of the Principal Deputy Assistant Secretary for Facilities
Victor Stello, Jr., Principal Deputy Assistant Secretary for Facilities
DP-6, Room 4A-043, Forrestal
(202) 586-7972

Provides lead line management for the operation and maintenance of Defense Programs nuclear weapons production, nuclear materials production, laboratory facilities, the Savannah River Restart Special Projects Office, the Rocky Flats Program Office, and the Pantex Program Office.

22 Rocky Flats Program Office
Xavier Ascanio, Acting Director
DP-6.1, Room A-225, Germantown
(301) 903-5697

Provides coordination, technical and programmatic review, and staff support to the Principal Deputy Assistant Secretary for Facilities in directing Defense Programs activities at the Rocky Flats Plant.

23 Pantex Program Office
Daniel R. Rhoades, Director
DP-6.2, Room D-403, Germantown
(301) 903-9408

Provides coordination, technical and programmatic review, and staff support to the Principal Deputy Assistant Secretary for Facilities in directing Defense Programs activities at the Pantex Plant.

24 Office of Self-Assessment
Francis C. Gilbert, Acting Director
DP-9, Room B-230, Germantown
(301) 903-5012

Develops and implements a comprehensive program of self-assessment for internal oversight, including policies and practices, and backfit for all Defense Programs (DP) environment, safety and health (ES&H), and security and safeguards (S&S) activities. Diagnoses, oversees, monitors, and reports performance of ES&H and S&S independent of DP organizations, with line management responsibility for these activities.

25 Office of the Deputy Assistant Secretary for Military Applications
Charles J. Beers, Jr., Deputy Assistant Secretary
DP-20, Room 4C-024, Forrestal
(202) 586-4879

Provides oversight and direction of the programs for research, development, testing, production, dismantlement, and reliability assurance of nuclear weapons; directs the program for the prevention of accidental or unauthorized nuclear detonations; maintains liaison between DOE and the Department of Defense on nuclear weapons matters; and administers activities under international agreements for cooperation involving nuclear weapons.

26 Office of Transportation Safeguards and Emergency Management
John E. Rudolph, Director
DP-23, Room B-318, Germantown
(301) 903-3618

Provides Headquarters line management oversight of transportation safeguards within the weapons complex; development, maintenance, and utilization of emergency response capabilities within the complex; and access to nuclear weapons information and facilities by domestic and foreign entities.

27 Office of Research and Advanced Technology
Marshall M. Sluyter, Acting Director
DP-24, Room B-312, Germantown
(301) 903-5491

Manages research activities associated with the weapons technology base, including advanced technologies, Nuclear Directed Energy Weapons (NDEW) concepts, and research and technology development such as weapons design and safety research. Provides technology-based line management.

28 Office of Development, Testing, and Acquisition
Vacant, Director
DP-25, Room A-483, Germantown
(301) 903-3441

Manages all weapons testing activities, to including underground and aboveground programs.

29 Office of Weapons and Materials Planning
Charles G. Halsted, Jr., Director
DP-27, Room A-301, Germantown
(301) 903-2402

Develops, manages, and coordinates the institutional policy (excluding weapons surety) and planning for the nuclear weapons and materials programs to assure that national defense requirements are met.

30 Office of Inertial Confinement Fusion
Marshall M. Sluyter, Director
DP-28, Room B-312, Germantown
(301) 903-5491

Plans, develops, and directs the programs for research, development, demonstration, and utilization of laser and particle beam initiated inertial fusion research related to national security.

31 Office of the Deputy Assistant Secretary for Weapons Complex Reconfiguration
Howard R. Canter, Deputy Assistant Secretary
DP-40, Room 4B-014, Forrestal
(202) 586-2700

Provides Headquarters direction and oversight for all activities leading to a Secretarial decision concerning Complex-21, program execution, and eventual field operation of Complex-21.

32 Office of the Deputy Assistant Secretary for Resource Management
David B. Leclaire, Deputy Assistant Secretary
DP-50, Room 4A-045, Forrestal
(202) 586-2295

Responsible for the overall managerial analysis and support of Defense Programs, resource and financial management, personnel, administration, training, and support services activities.

33 Office of the Deputy Assistant Secretary for Facilities
Donald F. Knuth, Deputy Assistant Secretary
DP-60, Room 4A-043, Forrestal
(202) 586-2185

Provides oversight and direction of the programs for safe production of nuclear materials. Provides, directs, and maintains the technical leadership, capabilities, and oversight to assure the operation of Defense Programs facilities in a safe and environmentally acceptable manner.

34 Office of Engineering and Operations Support
Gerald E. Gears, Acting Director
DP-62, Room A-106, Germantown
(301) 903-9412

Develops and maintains a cadre of technical experts for technical review and assessment of all Defense Programs facilities, including their design, construction, maintenance, and operations.

35 Office of Processing and Reactor Facilities
John A. Ford, Director
DP-63, Room A-322, Germantown
(301) 903-3782

Provides nuclear materials to meet defense and other requirements by managing the Department's nuclear materials production and processing facilities and assuring their operation and maintenance in a safe, environmentally-sound, and secure manner to achieve production requirements established in the Nuclear Weapons Stockpile Memorandum.

36 Office of Production Facilities
Richard D. Hahn, Director

DP-64, Room C-425, Germantown
(301) 903-3757

Manages the Department's nuclear weapons production sites at the Y-12 Plant, Pinellas Plant, Kansas City Plant, and the Mound Plant, assuring their operation and maintenance in a safe, environmentally sound, and secure manner to achieve production requirements established in the Nuclear Weapons Stockpile Memorandum.

37 Office of Research, Development and Testing Facilities
Richard C. Crowe, Acting Director
DP-65, Room D-401, Germantown
(301) 903-6214

Manages the Department'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, and provides aviation safety oversight for all DP aviation activities.

38 Office of Construction and Capital Projects
Edward G. Lazur, Acting Director
DP-66, Room B-130A, Century Twenty-One Building, Germantown
(301) 903-3557

Responsible for the planning, budgeting, and programmatic direction of construction projects for Defense Programs, including Major System Acquisitions, Major Projects, Other Line Items, Defense Programs project management policy and procedures; provides oversight of execution of projects in the fields; serves as DP-60 coordinator for nonnuclear consideration/reconfiguration activities; and provides liaison between the Defense Programs Office of the Deputy Assistant Secretary for Weapons Complex Reconfiguration and DP-60.

39 Office of Inspections
Richard C. Crowe, Director
DP-67, Room B-114, Germantown
(301) 903-6214

Conducts a formal audit and inspection program to provide independent and objective assessment of Defense Programs complex facilities.

40 Office of Field Security Oversight
Willie F. Hensley, Jr., Director
DP-68, Room A-304, Germantown
(301) 903-5277

Responsible for focal point direction, oversight, and support of the operational safeguards and security aspects of Defense Programs field offices and facilities.

Office of Economic Impact and Diversity (ED)

41 Office of Minority Economic Impact
Gloria B. Smith, Acting Director
ED-2, Room 5B-110, Forrestal
(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 the Department'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
Leonel V. Miranda, Director
ED-3, Room 905, H Street
(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 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
(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
Robert L. San Martin, Deputy Assistant Secretary
EE-10, Room 6C-036, Forrestal
(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. Kessler, Director
EE-12, Room 5H-095, Forrestal
(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
(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
John E. Mock, Director
EE-122, Room 5H-065, Forrestal
(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
Robert H. Annan, Director
EE-13, Room 5H-072, Forrestal
(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
(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
(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
Marvin E. Gunn, Jr., Director
EE-14, Room 6H-034, Forrestal
(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
(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
(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
Alan J. Streb, Deputy Assistant Secretary
EE-20, Room 6B-052, Forrestal
(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
Donald K. Walter, Director
EE-22, Room 5G-067, Forrestal
(202) 586-2090

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, 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
(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
(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
Jerry D. Duane, Director
EE-223, Room 6H-034, Forrestal
(202) 586-2366

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
Peter H. Salmon-Cox, Director
EE-23, Room 5F-059, Forrestal
(202) 586-2380

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
(202) 586-2380

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
(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
(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 R&D program.

63 Office of the Deputy Assistant Secretary for Transportation Technologies
Thomas J. Gross, Acting Deputy Assistant Secretary
EE-30, Room 6B-094, Forrestal
(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
(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
(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
(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
Jerry R. Allsup, Director
EE-33, Room 5G-086, Forrestal
(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
Raymond Costello, Acting Director
EE-331, Room 5G-086, Forrestal
(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
(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
(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
John P. Millhone, Deputy Assistant Secretary
EE-40, Room 6A-081, Forrestal
(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
Theodore Kapus, Director
EE-42, Room 5H-048, Forrestal
(202) 586-9123

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
(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
(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 5E-066, Forrestal
(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 per-

formed 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 5E-066, Forrestal
(202) 586-9142

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. Boulton, Director
EE-432, Room 5E-066, Forrestal
(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
(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
Frank M. Stewart, Jr., Deputy Assistant Secretary
EE-50, Room 6A-049, Forrestal
(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.

The DOE regional support offices are listed below.

Atlanta Support Office
Buddy L. Jackson, 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
William S. Becker, Director
U.S. Department of Energy
9800 South Cass Avenue
Argonne, IL 60439
(708) 252-2220
Fax: (708) 252-2071

Dallas Support Office
Curtis E. Carlson, Jr., 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
Al Hymer, 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
Ronald Brown, 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
Christopher McGowan, 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
Martha Dixon, Director
U.S. Department of Energy
1333 Broadway
Oakland, CA 94612
(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) 553-1132
Fax: (206) 553-7231

80 Office of National Programs
Harry L. Lane, Director
EE-52, Room 5E-052, Forrestal
(202) 586-9104

Manages, through the regional support offices, statutory technical and financial assistance programs to support the development and implementation of com-

prehensive 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
(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**
James P. Demetrops, Director
EE-522, Room 5E-052, Forrestal
(202) 586-9187

Administers the State Energy Conservation Program (SECP) authorized by the Energy Policy and Conser-

vation 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 P.L. 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**
Howard S. Coleman, Director
EE-53, Room 5G-045, Forrestal
(202) 586-1539

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, 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
(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 the Department, Congress, and the public progress made by these institutions in improving energy efficiency.

85 Weatherization Assistance Program Division

Jeanne Van Vlandren, Director
EE-532, Room 5G-023, Forrestal
(202) 586-2204

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 (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 Mariana L. Uhrlaub, Acting Director EE-60, Room 6C-026, Forrestal (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 Mariana L. Uhrlaub, Acting Director EE-62, Room 6C-026, Forrestal (202) 586-6768

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 (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 (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 Kenneth G. Moore, Director EE-70, Room 6A-025, Forrestal (202) 586-0515

Directs strategic planning, program and technology multi-year 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
Daniel E. Beckman, Acting Director
EE-80, Room 6A-045, Forrestal
(202) 586-2340

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 J. O'Toole, Assistant Secretary
EH-1, Room 7A-097, Forrestal
(202) 586-6151

Assures conformance of the Department's activities with all applicable environmental laws and regulations and protection of the health and safety of workers and the public; that national environmental protection goals are incorporated in energy programs; and that environmental and safety concerns are addressed through corrective and remedial actions. Develops policy options concerning the effects of national environmental policy on U.S. energy industries and energy supply and demand.

94 Office of the Deputy Assistant Secretary for Security Evaluations
Glenn S. Podonsky, Deputy Assistant Secretary
EH-4, Room C-303, Germantown
(301) 903-3777

Responsible for independent oversight of the effectiveness of the Department's safeguards and security policies, programs, and their implementation in the field.

95 Office of Inspections
Vacant, Director
EH-4.2, Room C-320A, Germantown
(301) 903-8400

Responsible for field inspection, evaluation, and performance testing to determine the effectiveness of safeguards and security policies and programs implemented in the field.

96 Office of Plans, Technology and Certification
James H. Ware, Director
EH-4.3, Room C-320B, Germantown
(301) 903-5982

Responsible for trend analysis and assessing the effectiveness of safeguards and security policies and programs throughout the Department of Energy.

97 Office of Special Projects
Mark A. Gilbertson, Acting Director
EH-5, Room 1G-080, Forrestal
(202) 586-5042

Conducts assessments of environment and safety and health management programs and systems; provides training to transfer assessment-related skill throughout the Department of Energy; develops policy and works to identify and resolve management issues which span the individual technical areas of environment, safety and health; manages an environment, safety and health information and analysis program; and participates in the Department of Energy planning processes to ensure that environment, safety and health concerns receive proper attention.

98 Office of the Deputy Assistant Secretary for Nuclear Safety
Thomas A. Rollow, Acting Deputy Assistant Secretary
EH-10, Room 7A-121, Forrestal
(202) 586-2407

Provides independent nuclear safety oversight of DOE facilities and programs under the purview of the Assistant Secretary for Environment, Safety and Health. In the process, the Office works with DOE line management to ensure the Secretary of Energy and, in turn, the Congress and the public, that DOE workers, the public, and the environment receive the highest level of health and safety protection reasonably achievable from DOE nuclear operations.

99 Office of Nuclear Safety Performance Assessment
Silas D. Stadler, Director
EH-11, Century XXI, Room 342
20130 Century Boulevard
Germantown, MD 20874
(301) 903-5392

Oversees performance of line program organizations in managing and assuring nuclear safety at DOE facilities. Assesses operational readiness of nuclear facilities, significant events and technical issues, and routine nuclear safety functions. The Office also reviews proposed nuclear safety rules and orders; participates in seminars and workshops involving nuclear safety; monitors facility and line management performance; and disseminates operating experience and lessons learned. The Office consists of experts in conducting assessments and in technical disciplines, such as nuclear, mechanical, electrical, and chemical engineering; facility operations and maintenance; radiological protection; training; and criticality safety.

100 Office of Nuclear Safety Risk and Policy Analysis
Andrew R. Marchese, Director
EH-12, Century XXI, Room 324
20130 Century Boulevard
Germantown, MD 20874
(301) 903-2712

Oversees development and implementation of nuclear safety policies, rules, orders, and guides. The Office reviews facility safety analysis reports for consistency and assurance that nuclear safety policies, rules, orders, and guides are followed; conducts probabilistic risk assessments and accident analyses in environmental documents to ensure consistent data bases and methodologies are used; studies emergency preparedness plans to ensure adequate protection of the public; and assesses analyses of vulnerability of DOE nuclear facilities to natural hazards phenomena. The Office also works with national and international standards bodies in identifying new standards for design, construction, operation, and decommissioning of reactors and other nuclear facilities. The Office is comprised of experts in risk analysis; natural hazards phenomena; emergency preparedness; and civil, chemical, electrical, mechanical, nuclear, and design engineering.

101 Office of Nuclear Safety Enforcement
Richard L. Black, Director
EH-13, Century XXI, Room 302
20130 Century Boulevard
Germantown, MD 20874
(301) 903-0102

The Office of Nuclear Safety Enforcement implements DOE's statutory nuclear safety enforcement program and investigates potential violations of nuclear safety requirements to determine whether civil or criminal sanctions are warranted. The Office works closely with the Inspector General, as well as the General Counsel, in developing enforcement policies and procedures. The Office implements its enforcement authority by establishing effective and voluntary compliance assurance programs and processes. The Office also audits contractor and DOE employee concerns programs to assess their effectiveness. The Office contains attorneys and professional investigators knowledgeable of nuclear operations in a regulatory environment.

102 Office of Nuclear Safety Field Programs
Thomas A. Rollow, Director
EH-14, 7A-121, Forrestal
(202) 586-2407

The on-site offices in the Office of Nuclear Safety Field Programs provide independent feedback and advice to the Deputy Assistant Secretary for Nuclear Safety, with the aim of promoting self-assessment and a desirable nuclear safety culture, and assuring adequate nuclear safety margins are maintained. On-site office personnel, located at DOE Operations Offices, routinely observe nuclear safety operations, conduct systematic audits at DOE nuclear sites and facilities, and interact with senior DOE managers on nuclear safety issues.

103 Office of Nuclear Safety Technical Support and Systems Management
Russell S. Scott, Acting Director
EH-15, Room 471, Quince Orchard Road
Gaithersburg, MD 20878
(301) 427-1682

Provides for the administrative and management support, program control, and coordination of the resources of the Deputy Assistant Secretary for Nuclear Safety and that Office.

104 Office of Nuclear Safety Radiological Oversight
Edward E. Blackwood, Director
EH-16, Century XXI, Room 316
20130 Century Boulevard
Germantown, MD 20874
(301) 903-0120

The Office of Nuclear Safety Radiological Oversight works for continuous improvement in radiological protection and control (Radcon) through oversight of

DOE's operations requiring protection. By assessing Radcon practices, analyzing deficiencies and good practices that reflect the quality of operations, and communicating results, the Office works with DOE and contractor nuclear organizations to foster improvements and instill a proper appreciation for the importance of conservative, effective Radcon policies and practices. The Office employs a balanced mix of radiological control evaluations, program oversight, and radiological improvement initiatives. The Office is made up of engineers, health physicists, and technical experts with backgrounds in facility operations and nuclear-related scientific and engineering disciplines.

105 Office of the Deputy Assistant Secretary for Environment
Raymond P. Berube, Deputy Assistant Secretary
EH-20, Room 7A-075, Forrestal
(202) 586-5680

Responsible for the management and direction of comprehensive programs that develop and implement policies, programs, standards, and procedures to attain and maintain compliance of all Department operations and facilities with all relevant environmental statutes, regulations, orders, and guidelines.

106 Office of Environmental Compliance
Kathleen I. Taimi, Director
EH-22, Room 3G-092, Forrestal
(202) 586-2113

Establishes and promotes Departmental environmental compliance policies and complexwide strategies for attaining and maintaining environmental compliance. Provides leadership and support to active and inactive DOE facilities to assist in the consistent implementation of Departmental environmental compliance and policies, and the resolution of complexwide and significant site-specific compliance issues. Represents the Department in external forums with other Federal agencies, State organizations, and citizen groups to communicate, coordinate and/or promote DOE's environmental compliance policies; and to provide environmental leadership and expertise for the resolution of priority intergovernmental Federal facility compliance issues and the implementation of Federal environmental improvement initiatives.

107 Compliance Strategies Division
Andrew C. Lawrence, Director
EH-221, Room 3G-092, Forrestal
(202) 586-5358

Develops Departmental environmental compliance policies and strategies to correct existing complexwide compliance deficiencies and to minimize or preclude future Departmental compliance problems. Provides expert advice to senior Department officers regarding DOE environmental compliance policies. Evaluates multi-program cross-cutting environmental compliance issues, identifies trends, and anticipates future issues requiring policy analysis and strategy development. Coordinates resolution of significant environmental compliance issues affecting the DOE complex.

108 Facility Compliance Division
Randall L. Kaltreider, Director
EH-222, Room 3G-089, Forrestal
(202) 586-4440

Coordinates the review and resolution of significant facility-specific environmental compliance issues and related activities. Provides policy and technical support to field and program offices to ensure that facility-specific regulatory compliance strategies are consistent with Departmental policies. Serves as DOE focal point for interaction with EPA on current significant site-specific environmental compliance issues.

109 Office of Environmental Guidance
Raymond Pelletier, Director
EH-23, Room GA-098, Forrestal
(202) 586-8505

Responsible for developing written compliance policies, standards, guidance documents, and internal DOE orders which cover the full range of environmental statutes and regulations. The Office monitors regulatory and legislative developments, keeps DOE personnel abreast of emerging and changing environmental requirements, coordinates the development of Departmental positions, and serves as the advocate for DOE's position with respect to other agencies' rulemaking efforts.

110 RCRA/CERCLA Division
Thomas T. Traceski, Director
EH-231, Room GA-076, Forrestal
(202) 586-2481

Develops written DOE-wide orders, policies, standards, and guides to assure understanding of and compliance with the requirements of the Resource Conservation and Recovery Act (RCRA) and the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) by DOE facilities and operations. Coordinates and develops the Departmental position on emergency RCRA/CERCLA requirements.

111 Air, Water and Radiation Division
Andrew Wallo, III, Director
EH-232, Room GA-098, Forrestal
(202) 586-4996

Develops written DOE-wide orders, policies, standards, and guides to assure understanding of and compliance with the appropriate environmental laws, regulations, and standards to protect the public. Coordinates and develops the Departmental position on emerging air, water, and radiation protection requirements, including radioactive waste and risk management. Provides training on air, water, and radiation laws, regulations, policies, and standards to DOE and contractor personnel.

112 Office of Environmental Audit
Michael A. Kilpatrick, Director
EH-24, Room 3E-094, Forrestal
(202) 586-4419

Ensures that the Department's operating and nonoperating facilities are in compliance with all applicable environmental requirements. The mission is accomplished by conducting integrated assessments to establish a baseline of environmental compliance status at the facility level; assessing the effectiveness of environmental management systems at the facility or program level; and conducting routine re-audits of facilities or programs to monitor improvement. As a result of these assessment activities, high priority environmental issues that cross site and program lines are identified and further evaluated. These activities also identify opportunities to assist the line programs in improving their environmental auditing and self-assessment skills. The Office also conducts an Environmental Auditing Training course.

113 Office of National Environmental Policy Act (NEPA) Oversight
Carol M. Borgstrom, Director
EH-25, Room 3E-080, Forrestal
(202) 586-4600

Ensures that the Department's proposed actions comply with the NEPA and other environmental review requirements (e.g., National Historic Preservation Act, Endangered Species Act, Fish and Wildlife Coordination Act, and others) that are necessary prior to project implementation. The Office is the focal point for NEPA expertise and NEPA-related activities in all program areas covering virtually every facet of the Department's operations.

114 Waste Activities Division
Stanley Lichtman, Director
EH-251, Room 3E-080, Forrestal
(202) 586-4610

Ensures that the Department's proposed projects and programs involving wastes (radioactive, hazardous, nonhazardous) in both environmental restoration (e.g., CERCLA compliance projects and Uranium Mill Tailing Remedial Action) and management (e.g., waste storage, treatment, disposal and transportation) comply with the requirements of the National Environmental Policy Act and other related requirements before their implementation.

115 Project Activities Division
Robert H. Strickler, Director
EH-252, Room GB-096B, Forrestal
(202) 586-2410

Ensures that the Department's proposed projects and programs not involving waste as their principal focus comply with the requirements of the National Environmental Policy Act and other related requirements before their implementation.

116 Office of the Deputy Assistant Secretary for Safety and Quality Assurance
Joseph E. Fitzgerald, Jr., Deputy Assistant Secretary
EH-30, Room 5129, 270 Corporate Center
Germantown
(301) 903-5532

Manages and directs comprehensive programs that assure non-nuclear safety in all DOE activities. Develops policies, standards, and guidance; provides technical assistance to line programs; conducts assessments to assure Departmental compliance with applicable national statutes, regulations, standards, and processes associated with worker safety; manages the Department's quality assurance and reliability program; manages the packaging and safety programs; and leads the Department's safety and health five-year planning activities.

117 Resident Program Staff
Bernard M. Hillman, Director
EH-30.3, Room 5142, 270 Corporate Center
Germantown
(301) 903-3886

Maintains an on-site presence at key DOE sites and routinely monitors and audits the effectiveness of DOE and contractor line management in implementing programs to ensure the occupational safety and health of workers. Site representatives conduct management-level performance assessments and verify the effectiveness of safety and health programs for workers through selective observation of work place practices. The site representatives also monitor DOE and contractor responses to accidents, incidents, and other events.

118 Office of Occupational Safety
Roy E. Gibbs, Acting Director
EH-31, Room 5096, 270 Corporate Center
Germantown
(301) 903-4343

Develops and issues occupational safety policy, standards, and guides for DOE. Assists line programs in implementing and applying these policies and standards. Maintains functional expertise in all areas of occupational safety, including worker safety practices, fire protection, high explosives safety, industrial safety, and facility and construction safety. Also conducts safety information analyses and maintains a major computer system called Safety Performance Measurements System (SPMS).

119 Policy and Standards Division
Joseph A. Hopkins, Jr., Director
EH-311, Room 5100, 270 Corporate Center
Germantown
(301) 903-5619

Responsible for developing and coordinating Departmental policy, orders, standards, guides, and manuals in the areas of occupational safety and health programs and industrial safety. Tracks legislative issues affecting occupational safety. Primary liaison with the Occupational Safety and Health Administration in dealing with Memorandum of Understanding and jurisdiction issues. Provides support to the Annual DOE Occupational Safety Conference.

120 Technical Support Division
Ron D. Eimer, Acting Director
EH-312, Room 5095, 270 Corporate Center
Germantown
(301) 903-2927

Provides direct support and assistance to the DOE line programs in the establishment of Occupational Safety and Health (OSH) programs and the application of OSH requirements and standards. Develops OSH training requirements, model training programs, and supports pilot training within DOE on a cooperative basis with the DOE line programs and, where feasible, with the Occupational Safety and Health Administration and other agencies. Through experimental and demonstration programs, validates and expands DOE and contractor initiatives in key aspects of the OSH program (e.g., the Voluntary Protection Program, technical information exchange, and "model" compliance programs).

121 Personnel Protection Division
Michael C. Moore, Director
EH-313, Room 5108, 270 Corporate Center
Germantown
(301) 903-5770

Maintains occupational safety technical expertise and provides consultative services to the Department's line programs and contractors in the safety-related areas of construction, electricity, firearms, fire protection, and high explosives. Provides technical assistance and supports projects for specific hazard identification and correction, and for the development and establishment of contractor safety programs.

122 Safety Performance Indicator Division
Steven Simon, Director
EH-314, Room 5116, 270 Corporate Center
Germantown
(301) 903-5615

Conducts safety information analyses and manages an interactive computer system designed to furnish trend and causal factor analyses to assist in risk assessments, and to provide accident/incident information and Environment, Safety and Health technical information and communication throughout DOE. Publishes a quarterly newsletter, *The Safety Connection*, which provides new Departmental directions in occupational safety and health and highlights activities and programs related to occupational safety publications (e.g., *Safety Notes*, *Bulletins*, and *Safety Actions*) that disseminate safety and health information, as well as lessons-learned information across the DOE complex.

123 Office of Performance Assessment
Oliver D. T. Lynch, Jr., Director
EH-32, Room 5019, 270 Corporate Center
Germantown
(301) 903-3548

Responsible for conducting safety performance assessments of DOE Government-owned, contractor-operated (GOCO) facilities (both nuclear and non-nuclear) to determine independently whether DOE's occupational and non-nuclear facility safety responsibilities are being properly fulfilled by responsible DOE line programs. Develops non-nuclear policy and assesses the effectiveness of Departmental quality assurance and reliability programs affecting contractor safety. Provides the key focus for EH on day-to-day operations and safety performance of DOE line organizations in the field; provides liaison with other EH offices; coordinates technical reviews of reports from and submittal to internal and external entities; and management-level oversight and special issue analysis. Responsible for the policy, implementation, and assessment of the DOE accident investigation program.

124 Operations Management Division
Rebecca F. Hansen, Director
EH-321, Room 5016, 270 Corporate Center
Germantown
(301) 903-5791

Through the operations managers who are assigned to major DOE sites, serves as the key focus for EH on day-to-day operations and safety performance of DOE and contractor line organizations in the field. Also provides management-level oversight and special issue analysis, and team leadership on oversight assessments of line operational readiness reviews.

125 Performance and Quality Verification Division
John W. Teske, Director
EH-322, Room 5020, 270 Corporate Center
Germantown
(301) 903-5607

Develops procedures and conducts assessments of line management and organizational and staff effectiveness in implementing work place safety aspects of the DOE Occupational Safety and Health program. Also provides management and technical assistance to line programs. Responsible for EH accident investigation activities. Develops policy and provides management direction for the DOE occupational safety quality assurance program and assesses the effectiveness of line management implementation of that program.

126 Office of Risk Analysis and Technology
Robert W. Barber, Director
EH-33, Room 5042, 270 Corporate Center
Germantown
(301) 903-3477

Responsible for the management and development of policy, oversight, and support functions of the Department that are related to facility safety analysis, transportation and packaging safety, and aviation safety. Plays a major role in developing Department policies and guidance to conduct analyses related to non-nuclear system safety. Provides oversight for issues related to nuclear and non-nuclear safety to ensure that safety functions are not compromised. Provides technical assistance to support line organizations in the implementation of their programs.

127 Risk Analysis and Technology Division
Richard J. Serbu, Director
EH-331, Room 5043, 270 Corporate Center
Germantown
(301) 903-2856

Provides oversight of Departmental non-nuclear safety and risk review processes, including natural phenomena hazards mitigation programs; develops policy, orders, guides, and standards; and provides technical assistance to line organizations in these areas. Program oversight responsibilities encompass hazards analysis, safety analysis, risk analysis and management, technical safety requirements, and safety evaluation for nuclear and non-nuclear facilities (including DOE dams) which are proposed, under construction, starting up, operating, restarting, or decommissioning. Coordinates EH activities related to cleanup worker safety and chemical safety.

128 Transportation and Packaging Safety Division
Michael E. Wangler, Director
EH-332, Room 5034, 270 Corporate Center
Germantown
(301) 903-5078

Conducts technical analyses for hazards classification, operational controls, packaging, safety requirements, and training support for handling hazardous materials, including radioactive materials and explosives and aviation safety requirements. Conducts oversight and quality assurance reviews of the Department's transportation and packaging safety of hazardous materials. Performs technical safety analyses and evaluation reviews of line transportation systems. Assurance is provided that all transportation modes, including air, rail, highway, and water, provide safe

movement of materials and personnel. To accomplish these activities, the Division develops training courses and standards for transportation safety. Certifies packaging for use by Department staff and contractors.

129 Office of the Deputy Assistant Secretary for Health
Harry J. Pettengill, Deputy Assistant Secretary
EH-40, Room 4119, 270 Corporate Center
Germantown
(301) 903-7030

Develops and recommends policies and standards related to radiation protection, industrial hygiene, and occupational medicine for DOE facilities. Maintains health surveillance data and conducts analyses through the implementation of an epidemiology program for DOE employees, contract workers, and communities adjacent to Departmental facilities; provides independent internal oversight to assure implementation of all aspects of DOE's occupational health programs; and assures funding of long-term analytical epidemiologic studies outside of DOE. Ensures communication for all health study findings to DOE employees, contractor employees, unions, and the public.

130 Office of Health Physics and Industrial Hygiene
C. Rick Jones, Director
EH-41, Room 4011, 270 Corporate Center
Germantown
(301) 903-6061

Develops and establishes policies and standards for all aspects of industrial hygiene and health physics. Provides independent internal oversight to assure implementation of industrial hygiene standards and policies. Responds to incidents and provides direct technical support to line programs. Maintains liaison with national and international standards organizations and directs a technology assessment outlay program to support new worker radiological health and industrial hygiene protection initiatives. Manages a health physics and industrial hygiene graduate fellowship program.

131 Office of Epidemiology and Health Surveillance
Robert Goldsmith, Director
EH-42, Room 4079, 270 Corporate Center
Germantown
(301) 903-5926

Responsible for all technical, research, policy development, and advisory and support functions in the Department related to health studies of human populations. The Office provides for the review and dissemination of information from epidemiologic activities; collects and maintains occupational and community health surveillance data; formulates programs and policies for managing health risks to workers at DOE facilities and to communities in the vicinity of these facilities; and develops and oversees preventive or protective measures based on the findings of epidemiologic studies for implementation throughout the Department's operations.

132 Office of Occupational Medicine
George R. Gebus, Director
EH-43, Room 4048, 270 Corporate Center
Germantown
(301) 903-7385

Develops policies and standards related to occupational medicine for the protection of workers and the public for utilization by DOE contractor facilities; protects and enhances the physical and mental health of all DOE contractor employees and promotes public health; provides for the internal assessment and oversight of contractor occupational medicine programs to assure implementation of standards and policies; and provides liaison and representation for national and international standards bodies for occupational medicine.

133 ENERGY INFORMATION ADMINISTRATION (EIA)
Office of the Administrator
Jay E. Hakes, Administrator
EI-1, Room 2H-027, Forrestal
(202) 586-4361

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

134 Office of Oil and Gas
Jimmie Petersen, Director
EI-40, Room 2H-058, Forrestal
(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.

135 Petroleum Supply Division
Charles C. Heath, Director
EI-42, Room 2G-020, Forrestal
(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.

136 Petroleum Marketing Division
John S. Cook, Director
EI-43, Room 2G-051, Forrestal
(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.

137 Reserves and Natural Gas Division
Diane W. Lique, Director
EI-44, Room BE-054, Forrestal
(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.

138 Office of Coal, Nuclear, Electric and Alternate Fuels
John C. Geidl, Director
EI-50, Room 803, H Street
(202) 254-5570

Designs, develops, and maintains coal, nuclear, electric, and alternate fuels statistical and short-term forecasting information systems.

139 Survey Management Division
Howard L. Walton, Director
EI-52, Room 703, H Street
(202) 254-5500

Designs, develops, and maintains coal, nuclear, electric and alternate fuels data collection surveys. Prepares publications containing these data and provides information for the National Energy Modeling System 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.

140 Analysis and Systems Division
Robert M. Schnapp, Director
EI-53, Room 505, H Street
(202) 254-5392

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.

141 Office of Energy Markets and End Use
Webster C. Kilgore, Director
EI-60, Room 2G-090, Forrestal
(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 investment trends. Designs, develops, and maintains energy statistical and short-term forecasting information systems concerning consumption and subjects which cut across energy sources.

142 Energy Markets and Contingency Information Division
Arthur T. Andersen, Director
EI-62, Room 2G-060, Forrestal
(202) 586-1441

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.

143 End Use and Integrated Statistics Division
Lynda T. Carlson, Director
EI-63, Room 2F-065, Forrestal
(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.

144 Office of Statistical Standards
Yvonne M. Bishop, Director
EI-70, Room 301, H Street
(202) 254-5419

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.

145 Quality Assurance Division
Douglas R. Hale, Director
EI-72, Room 203, H Street
(202) 254-5380

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.

146 Data Collection Services Division
John Gross, Director
EI-73, Room 205, H Street
(202) 254-5310

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 information 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.

147 Office of Integrated Analysis and Forecasting
Mary J. Hutzler, Director
EI-80, Room 2F-081, Forrestal
(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 emplaces. 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.

148 Energy Demand and Integration Division
Mark E. Rodekohr, Director
EI-81, Room 2F-081, Forrestal
(202) 586-1130

Conducts forward-looking analyses of energy demand; generates mid-term and long-term forecasts of energy demand; and develops the demand components of the NEMS and other models dealing with the demand for energy services and energy consumption.

149 Energy Supply and Conversion Division
Scott B. Sitzler, Director
EI-82, Room 2H-034, Forrestal
(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 models dealing with production, distribution, and conversion of all energy sources.

150 OFFICE OF THE ASSISTANT SECRETARY FOR ENVIRONMENTAL RESTORATION AND WASTE MANAGEMENT (EM)
Thomas Grumbly, Assistant Secretary
EM-1, Room 5A-014, Forrestal
(202) 586-7710

Provides policy guidance and manages the cleanup of inactive waste sites and facilities, promulgates effective waste management operations, and implements an aggressive applied waste research and development program to provide permanent disposal solutions at reduced costs.

151 Office of the Deputy Assistant Secretary for Oversight and Self Assessment
Randal S. Scott, Deputy Assistant Secretary
EM-20, Room 5B-024, Forrestal
(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.

152 Office of the Deputy Assistant Secretary Waste Management
Jill E. Lytle, Deputy Assistant Secretary
EM-30, Room 5B-040, Forrestal
(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.

153 Office of Waste Operations
Lawrence H. Harmon, Acting Director
EM-32, Room 340
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.

154 Office of Program Support, 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.

155 Office of Waste Management Projects
Mark W. Frei, Director
EM-34, Room 323, 12800 Middlebrook Road
Germantown, MD 20874
(301) 903-7201

Responsible for planning, design, construction, and initial operation of projects for waste treatment, storage, and disposal. - This includes major system acquisitions and other construction projects to support waste management operations.

156 Office of Technical Support
Joseph A. Coleman, Director
EM-35, Room 377
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.

157 Office of the Deputy Assistant Secretary for Environmental Restoration
Roger P. Whitfield, Deputy Assistant Secretary
EM-40, Room 5B-050, Forrestal
(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.

158 Office of Eastern Area Programs
James J. Fiore, Director
EM-42, Room 104
12800 Middlebrook Road
Germantown, MD 20874
(301) 903-8141

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.

159 Office of Program Support, Environmental Restoration
William Wisenbaker, Jr., Director
EM-43, Room 209
12800 Middlebrook Road
Germantown, MD 20874
(301) 903-8105

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

160 Office of Northwestern Area Programs
Sally A. Mann, Director
EM-44, Room 156
12800 Middlebrook Road
Germantown, MD 20874
(301) 903-8161

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, and San Francisco.

161 Office of Southwestern Area Programs
Ralph G. Lightner, Director
EM-45, Room 145
12800 Middlebrook Road
Germantown, MD 20874
(301) 903-8180

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 Albuquerque, New Mexico, and Nevada.

162 Office of the Deputy Assistant Secretary for Technology Development
Clyde W. Frank, Deputy Assistant Secretary
EM-50, Room 5A-014, Forrestal
(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.

163 Office of Technology Integration and Environmental Education and Development
Susan M. Prestwich, Director
EM-52, Room 432
12800 Middlebrook Road
Germantown, MD 20874
(301) 903-7924

Responsible for programs and activities which survey and compare DOE's human resource needs (number and skill mix) relative to waste operations management and environmental restoration against the current resource base and develops innovative methods to develop management programs needed for future environmental programs.

164 Office of Program Support and Technology Development
Gerald G. Boyd, Acting Director
EM-53, Room 470
12800 Middlebrook Road
Germantown, MD 20874
(301) 903-8621

Provides administrative, management, and financial program support to line organizations that comprise the Office of Technology Development.

165 Office of Research and Development
Stephen C. T. Lien, Director
EM-54, 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.

166 Office of Demonstration Testing and Evaluation
William C. Schutte, Acting Director
EM-55, Room 407
12800 Middlebrook Road
Germantown, MD 20874
(301) 903-8490

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

167 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.

168 OFFICE OF ENERGY RESEARCH (ER)
Office of Energy Research
Martha A. Krebs, Director
ER-1, Room 7B-058, Forrestal
(202) 586-5430

Carries out a broad range of advisory, coordination, and program management activities related to the Department's energy research and development mis-

sions. 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 R&D programs for duplication or gaps; and serves as focal point for coordination with other agencies in science and technology.

169 Office of Assessment and Support
Joseph R. Maher, Director
ER-8, Room E-240, Germantown
(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.

170 Safety and Health Protection Division
Walter N. Thomasson, Acting Director
ER-8.1, Room E-239, Germantown
(301) 903-2092

Provides oversight and technical support to Energy Research program offices on matters related to the safe design, construction, operation, and modification of Energy Research-funded facilities, focusing on engineering systems and the man-machine interface.

171 Environmental Division
James K. Farley, Acting Director
ER-8.2, Room G-414, Germantown
(301) 903-2314

Provides technical support to program offices on matters related to environmental protection, waste management, the packaging and the transporting of hazardous materials, and the National Environmental Policy Act.

172 Office of Basic Energy Sciences
Vacant, Associate Director
ER-10, Room J-304, Germantown
(301) 903-3081

Manages a basic research program covering a broad spectrum of scientific disciplines, which produces sci-

entific 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.

173 Material Sciences Division
Iran L. Thomas, Director
ER-13, Room J-317, Germantown
(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.

174 Chemical Sciences Division
Robert S. Marianelli, Director
ER-14, Room G-334, Germantown
(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.

175 Engineering and Geosciences Division
James S. Coleman, Director
ER-15, Room G-363, Germantown
(301) 903-5822

Supports the Department'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.

176 Advanced Energy Projects Division
Walter M. Polansky, Director
ER-16, Room G-347, Germantown
(301) 903-5995

Supports novel and untested energy-related concepts that emerge from advances in basic research, as well as 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 the Department'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.

177 Energy Biosciences Division
Robert Rabson, Director
ER-17, Room G-358, Germantown
(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.

178 Office of High Energy and Nuclear Physics
Wilmot N. Hess, Associate Director
ER-20, Room G-304, Germantown
(301) 903-3713

Provides effective planning, funding, and management of the Department'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.

179 High Energy Physics Division
John R. O'Fallon, Director
ER-22, Room F-338, Germantown
(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.

180 Nuclear Physics Division
David L. Hendrie, Director
ER-23, Room G-307, Germantown
(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.

181 Office of Scientific Computing
David B. Nelson, Associate Director
ER-30, Room J-123, Germantown
(301) 903-5800

Ensures the broad range of research in the mathematical and computer science fields necessary to underpin all of the other energy sciences and manages an international data communications network which provides state-of-the-art supercomputing facilities for ER contractors in universities, industry, and DOE laboratories. Carries out DOE's role as lead Federal agency for the acceleration of supercomputer development.

182 Office of Program Analysis
George Y. Jordy, Director
ER-41, Room G-415 Germantown
(301) 903-2971

Monitors the Department's R&D programs and provides, on a periodic or as requested basis, independent and objective program analyses and technical assessments. Provides Departmental oversight, coordination and review of acid rain research, including the activities of the interagency National Acid Precipitation Assessment Program (NAPAP).

183 Research and Technical Assessment Division
Robert G. Rader, Director
ER-411, Room G-414, Germantown
(301) 903-2651

Selects, supports, and manages assessments of research needs and technical opportunities to provide expert technical consultation and assistance in support of the assessments conducted by the Office of Program Analysis. Using peer reviews or assessments of ongoing DOE R&D programs, measures the quality and impact and estimates their technical potential.

184 Program Integration Analysis Division
Walter L. Warnick, Director
ER-412, Room G-410, Germantown
(301) 903-3122

Conducts analyses of DOE R&D program goals and milestones and provides recommendations of prioritized research needs for energy technology programs. Evaluates the scientific underpinnings of studies having policy significance. Coordinates DOE involvement in interagency crosscutting science and technology areas, such as environmental science.

185 Office of Fusion Energy
Nelia A. Davies, Associate Director
ER-50, Room J-204, Germantown
(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.

186 International Programs Staff
Michael Roberts, Director
ER-52, Room J-225, Germantown
(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.

**187 International Thermonuclear
Experimental Reactor and Technology
Division**
Thomas R. James, Acting Director
ER-53, Room J-208, Germantown
(301) 903-5378

Manages and provides technical direction for 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.

**188 Advanced Physics and Technology
Division**
David H. Crandall, Director
ER-54, Room G-242, Germantown
(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 diverter materials. Conducts reactor studies to model future fusion power systems, to identify issues, and to provide future program direction.

189 Confinement Systems Division
John W. Willis, Director
ER-55, Room G-250, Germantown
(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.

**190 Office of Health and Environmental
Research**
Aristides A. Patrinos, Acting Associate
Director
ER-70, Room G-165, Germantown
(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 the Department'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 capabilities of the DOE laboratory system.

**191 Health Effects and Life Sciences
Research Division**
David A. Smith, Director
ER-72, Room G-155, Germantown
(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 developmental effects that could result from exposures 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 the Department's capability for conducting structural biology research.

**192 Medical Applications and Biophysical
Research Division**
Robert W. Wood, Director
ER-73, Room G-146, Germantown
(301) 903-3213

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

193 Environmental Sciences Division
Aristides A. Patrinos, Director
ER-74, Room G-156, Germantown
(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 di-

oxide 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.

**194 Office of Superconducting Super
Collider**
James C. Hall, Associate Director
ER-90, Room H-262, 2550 Beckleymeade Av-
enue (MS-1020)
Dallas, TX 75237
(214) 708-2521

Provides technical, managerial, and administrative oversight of the Superconducting Super Collider (SSC) program and project activities, including research, construction, operation, and maintenance of the multibillion dollar SSC. Provides the program and project guidance and funding to meet the numerous complex requirements of the program, including research and development; design, construction, operation, and maintenance of the accelerator; compliance with ES&H regulations; international collaborations; Texas interactions; and liaison with State and local governments, universities, industry, the public, media, and Congress.

**Office of Science Education and
Technical Information (ET)**

**195 Office of University and Science
Education Programs**
Richard E. Stephens, Director
ET-30, Room 3F-043, Forrestal
(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.

196 Postsecondary Programs Division
Vacant, Director
ET-31, Room 5B-168, Forrestal
(202) 586-8949

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

197 Precollege Programs Division
Vacant, Director
ET-32, Room 6E-050, Forrestal
(202) 586-6833

Administers partnership programs among the Department, 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.

198 OFFICE OF THE ASSISTANT SECRETARY FOR FOSSIL ENERGY (FE)

Jack S. Siegel, Acting Assistant Secretary
FE-1, Room 4G-084, Forrestal
(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 U.S.'s abundant 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 powerline facilities.

199 Office of Planning and Environment
Raymond J. Braitsch, Jr., Acting Director
FE-4, Room 4G-067, Forrestal
(202) 586-4426

Oversees preparation of strategic planning issues and translates DOE policies into fossil energy programmatic guidance. Develops the overall FE program strategy and maintains crosscutting technical and economic data bases. Coordinates FE's participation in DOE-wide technical and policy issues, such as acid deposition, global climate change, and general environmental, economic, and energy impacts associated with different policy options. Oversees fossil fuel export activities, including the coal and coal technology export program, which promotes the marketing of U.S. coal and coal utilization technologies in international markets.

200 Office of Communications
Robert C. Porter, Director
FE-5, Room 4G-085, Forrestal
(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.

201 Office of Self Assessment
Craig D. Zamuda, Director
FE-6, Room 3E-042, Forrestal
(202) 586-6241

Assures that FE's Federal and contractor operations comply with the Department's environment, safety and health, and safeguards/security guidelines and requirements. Performs independent appraisals of FE facilities to ensure that proper attention is being provided to the health and safety of employees and the general public, as well as to the protection of the environment. Assesses the adequacy of training programs for FE program personnel responsible for these functions.

202 Office of the Deputy Assistant Secretary for Management
Jeremiah E. Walsh, Jr., Deputy Assistant Secretary
FE-10, Room 3049, 270 Corporate Center, Germantown
(301) 903-2617

Responsible for the budget and administrative and management activities for all FE programs. Functions include program evaluations, business operations, international affairs policy and management, and the development of general FE-wide technology transfer policies.

203 Office of Resource Management
Gene H. Kight, Director
FE-12, Room 3086, 270 Corporate Center
Germantown
(301) 903-6841

Oversees the preparation of FE budgets and the management of its human and financial resources. Develops fiscal policy, manages financial plans and allotments, and certifies availability of funding. Oversees management information and other automated data processing systems and manages crosscutting FE contractor support activities.

204 Office of Business Operations
Keith N. Frye, Director
FE-13, Room 3051, 270 Corporate Center
Germantown
(301) 903-2098

Conducts business-related activities for the FE, including the development of policy guidance for joint ventures, cooperative research and development agreements, international agreements, cost-shared partnerships, and other joint activities with commercial businesses and research institutions. Oversees DOE's operation of the Liquefied Gaseous Fuels Spill Test Facility, a user facility available to industry for studying the effects of, and mitigation strategies for, the accidental release of hazardous substances used in commercial operations. Coordinates FE's research and training programs for Historically Black Colleges and Universities and serves as a coordinator of FE's activities with Native Americans. Provides support for energy emergency preparedness and defense-related strategies and programs.

205 Office of the Deputy Assistant Secretary for Coal Technology
Jack S. Siegel, Deputy Assistant Secretary
FE-20, Room 4G-052, Forrestal
(202) 586-1650

Oversees the research, development, and demonstration of advanced, environmentally cleaner, more efficient technologies for using the Nation's coal resources.

206 Office of the Associate Deputy Assistant Secretary for Clean Coal
Clarence L. Miller, Associate Deputy Assistant Secretary
FE-22, Room 3111, 270 Corporate Center
Germantown
(301) 903-9451

Manages DOE's Clean Coal Technology Demonstration Program, a multi-billion dollar Government-industry partnership formed to build and test innovative coal technologies that are approaching the commercial threshold. The Clean Coal Technology Demonstration Program has resulted, to date, in 46 commercial or near-commercial scale projects representing a public-private investment of more than \$6.8 billion. Included are technologies that can (1) generate electricity from coal more efficiently and with far fewer pollutants than is possible with today's processes; (2) be retrofitted to existing power stations to reduce emissions; (3) convert coal to cleaner, more useable fuel forms; and (4) provide new, cleaner, and more economical processes for such coal-based industrial operations as steelmaking and cement production.

207 Office of the Associate Deputy Assistant Secretary for Research and Development
George Rudins, Associate Deputy Assistant Secretary
FE-23, Room 3013, 270 Corporate Center
Germantown
(301) 903-3991

Manages the research and development of future generations of coal-based technologies that are in the laboratory or early engineering stages. Included are advanced concepts for fluidized bed coal combustion, low emission boiler systems, indirectly fired power generating cycles, gasification-combined cycle systems, processes for converting coal into liquid products, and supporting research in such areas as coal preparation, gas cleanup, waste management, and alternative, coal-based fuels. Oversees program to develop a high efficiency, advanced gas turbine.

208 Office of the Deputy Assistant Secretary for Gas and Petroleum Technology
Reginal W. Spiller, Deputy Assistant Secretary
FE-30, Room 4G-084, Forrestal
(202) 586-4695

Manages DOE's programs to develop and deploy improved technologies to extract and process natural gas and crude oil, focusing primarily on assisting domestic producers in adapting new techniques that can prolong the economic life of U.S. oil fields and that can create new opportunities for the production and use of natural gas.

209 Office of Oil and Gas Processing
Sandra L. Waisley, Acting Director
FE-32, Room 3E-042, Forrestal
(202) 586-7361

Responsible for the development of research and development programs related to processing technologies for oil and gas. Coordinates strategic plans to ensure that the oil processing, gas delivery and storage, and gas utilization needs of the energy industry are met. Activities include development of improved heavy oil upgrading technologies, gas-to-liquid conversion processes, and natural gas deliverability and storage techniques.

210 Office of Oil and Gas Exploration and Production
Donald A. Juckett, Director
FE-33, Room 3E-028, Forrestal
(202) 586-5600

Responsible for programs intended to develop improved techniques for the exploration and production of oil and natural gas. Oversees a nationwide field program that is demonstrating more effective means for locating and producing missed or bypassed oil in U.S. reservoirs threatened with near-term abandonment. Manages a crosscutting research program in which new techniques are being developed to produce potentially billions of barrels of domestic crude oil unrecoverable with today's technology. Oversees programs to develop more effective ways to extract natural gas from both conventional and nonconventional deposits. Develops environmental data and mitigation techniques for oil and gas production.

211 Office of the Deputy Assistant Secretary Strategic Petroleum Reserve
Richard D. Furiga, Deputy Assistant Secretary
FE-40, Room 3G-024, Forrestal
(202) 586-4410

Responsible for the Strategic Petroleum Reserve, the Nation's emergency crude oil stockpile. The Strategic Petroleum Reserve is a complex of underground salt dome storage facilities sited along the Texas-Louisiana Gulf Coast. The storage facilities are connected to both private and Government-owned commercial oil distribution facilities. Crude oil can be withdrawn from the Reserve upon Presidential order to counter an energy supply disruption.

212 Office of Technical Management
Paul J. Plaisance, Jr., Director
FE-42, Room 3G-070, Forrestal
(202) 586-4415

Oversees the operation of the Strategic Petroleum Reserve, including the management and operating contracts and numerous subcontracts. The Office is responsible for planning, engineering, quality assurance, and other operational aspects of the Reserve. Serves as Headquarters commander for any catastrophic incidents/accidents, with responsibility for disaster response planning.

213 Office of Management Operations
Howard G. Borgstrom, Director
FE-43, Room 3G-038, Forrestal
(202) 586-4421

Oversees the preparation of long-term, strategic, and financial analyses that play a role in determining the appropriate size and capabilities of the Strategic Petroleum Reserve. This Office maintains crude oil market and refinery modeling capabilities, prepares policy and legislative analyses, and provides budgeting support for the Reserve.

214 Office of the Deputy Assistant Secretary for Fuels Programs
Vacant, Deputy Assistant Secretary
FE-50, Room 3H-087, Forrestal
(202) 586-9482

Responsible for several Federal regulatory functions involving coal, natural gas, and electricity.

215 Office of Coal and Electricity
Anthony J. Como, Director
FE-52, Room 3H-087, Forrestal
(202) 586-5935

Responsible for processing applications for the export of electricity and for the construction and operation of the attendant international transmission facilities. Prepares coal conversion orders to certify powerplants under the Powerplants and Industrial Fuel Use Act of 1978 (FUA), as amended, and the Energy Supply and Environmental Coordination Act of 1974. Processes petitions for exemptions from the prohibitions of the FUA.

216 Office of Natural Gas
Clifford P. Tomaszewski, Director
FE-53, Room 3H-087, Forrestal
(202) 586-9482

Performs policy analysis and case management functions relative to the import and export of natural gas. Provides the Department's regulatory interface with the State Department, Federal agencies, international affairs and policy offices, and foreign governments regarding U.S. natural gas import and export policies. Processes applications to import or export natural gas, including the review of environmental impacts associated with applications.

217 Office of the Deputy Assistant Secretary for Naval Petroleum and Oil Shale Reserves
Kenneth W. Meeks, Deputy Assistant Secretary
FE-60, Room 3H-076, Forrestal
(202) 586-4685

Manages the operations of the commercial oil fields that make up the Naval Petroleum Reserves and also oversees the Government's ownership of the Naval Oil Shale Reserves. The Naval Petroleum Reserves were originally created in the early 1900's to provide sources of liquid fuels for the Armed Forces during national emergencies. However, the competitive sale of hydrocarbon products on the open market now provides revenue to the U.S. Treasury. The Naval Petroleum and Oil Shale Reserves consist of three petroleum reserves and three oil shale reserves. Naval Petroleum Reserve No. 1 (NPR-1), Elk Hills, located 35 miles west of Bakersfield, California, is jointly owned and operated by the Government and Chevron U.S.A., Inc. Naval Petroleum Reserve No. 2 (NPR-2), Buena Vista Hills, is adjacent to NPR-1 and is leased to private industry. Naval Petroleum Reserve No. 3 (NPR-3), Teapot Dome, 35 miles north of Casper, Wyoming, is wholly owned and operated by the Federal Government. Naval Oil Shale Reserve No. 1 (NOSR-1) and Naval Oil Shale Reserve No. 3 (NOSR-3) are adjacent tracts of land in western Colorado. Naval Oil Shale Reserve No. 2 (NOSR-2) is located in northeastern Utah.

218 Office of the Deputy Assistant Secretary for Advanced Research and Special Technologies
Marvin I. Singer, Deputy Assistant Secretary
FE-70, Room 4G-052, Forrestal
(202) 586-1577

Responsible for the development of fuel cells and magnetohydrodynamics technologies along with ex-

traction technologies for oil shale, and for overseeing FE's crosscutting advanced research programs in coal, oil, and natural gas.

219 Office of Advanced Research
David J. Beecy, Director
FE-72, Room 3047, 270 Corporate Center
Germantown
(301) 903-2787

Manages FE's advanced research programs in coal, oil, and gas. Oversees the University Coal Research Program, which provides grants to student-teacher research teams. Coordinates FE's involvement in specialized programs, such as the Small Business Innovation Research (SBIR) program and serves as coordinator for materials research and biotechnology.

220 Office of Special Technologies
Victor K. Der, Director
FE-73, Room 3014, 270 Corporate Center
Germantown
(301) 903-2700

Directs the development of natural gas- and coal-fueled fuel cells for the stationary electric power generation market. Oversees the Government's involvement in the magnetohydrodynamics program, an advanced concept for generating electricity from coal. Manages the Department's efforts in extracting oil from shale.

Office of the General Counsel (GC)

221 Economic Regulatory Administration
Jerry F. Thompson, Acting Director
GC-60, Room 826, Union Center Plaza
Washington, DC 20002
(202) 523-3053

Office of Enforcement Litigation
Milton C. Lorenz, Director
GC-62, Room 834, Union Center Plaza
Washington, DC 20002
(202) 523-3011

Responsible for all Emergency Petroleum Allocation Act (EPAA) related litigation and litigation audit support activities. This includes administrative litigation conducted before the Office of Hearings and Appeals and the Federal Energy Regulatory Commission and judicial litigation conducted before Federal courts. (In most cases, DOE has primary litigation responsibility in the Federal courts.) This Office acts as the Economic Regulatory Administration's principal liaison with

the Department of Justice. In addition, this Office is responsible for the conduct of all efforts to resolve enforcement matters through negotiation, maintenance of the audit program, and supervision of field operation.

222 Administrative Litigation Division
Diana D. Clark, Director
GC-621, Room 843, Union Center Plaza
Washington, DC 20002
(202) 523-3048

Justifies, supports, and defends all enforcement actions concerning compliance with EPAA regulations before the Office of Hearings and Appeals and the Federal Energy Regulatory Commission. This includes crude oil producer and reseller regulations, refiner pricing regulations, transfer pricing regulations, entitlement, tertiary incentive, and product reseller regulations. Coordinates with other divisions of the Office of Enforcement Litigation to ensure use of appropriate strategies and tactics and to ensure uniform enforcement goals and procedures.

223 Judicial Litigation Division
Don W. Crockett, Director
GC-622, Room 825, Union Center Plaza
Washington, DC 20002
(202) 523-3089

Enforces and defends regulatory programs and orders in all Emergency Petroleum Allocation Act-related Federal court civil litigation involving the Department. Litigates all aspects of cases brought against the Department, including appeals to the U.S. Court of Appeals.

224 OFFICE OF HEARINGS AND APPEALS (HG)
George B. Breznay, Director
HG-1, Room 6G-030, Forrestal
(202) 586-5510

Responsible for conducting hearings and issuing the initial decision of the Department 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 Pro-

tection 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 the Department 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 the Department. 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 the Department's enabling statutes.

225 Office of Management Operations
Vacant, Director
HG-10, Room 6G-041, Forrestal
(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.

226 Management Information Division
Otto S. Reid, Director
HG-12, Room 6G-041, Forrestal
(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.

227 Docket and Publications Division
Marcia B. Carlson, Director
HG-13, Room 6F-078, Forrestal
(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 filing, 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.

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

Performs legal research with respect to submissions filed with the Office and recommends the final decision which the Department 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 the Department'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 the Department 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 the Department on matters involving Office of Hearings and Appeals litigation and procedural regulations.

229 Office of Financial Analysis
Richard T. Tedrow, Director
HG-30, Room 6G-030, Forrestal
(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.

230 Office of Economic Analysis
Thomas L. Wieker, Director
HG-40, Room 6F-055, Forrestal
(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 primarily focus upon economic issues. In reaching determinations on these applications, 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 in order to assess the effects of those activities and to structure specific remedies for regulatory abuses. This Office performs analyses to develop appropriate economic structures for refunding petroleum overcharges to adversely affected parties. 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.

231 Board of Contract Appeals
E. Barclay Van Doren, Director
HG-50, Room 1006, Webb Building
4040 N. Fairfax Drive
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 the Department; however, decisions rendered under the Contract Disputes Act may be appealed by either the contractor or the Department 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.

**232 OFFICE OF PROCUREMENT,
ASSESSMENT, AND PROPERTY**
Grover L. Allen, Director
HR-52, Room 4H-065 Forrestal
(202) 586-8613

Office of Policy
Luther Jay Tilman, Director
HR-521, Room 8H-023 Forrestal
(202) 586-8182

Responds to questions related to DOE contracting rules and regulations.

233 Office of Clearance and Support
Ronald E. Cone, Director
HR-522, Room 1E-016, Forrestal
(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.

**234 Office of Headquarters Procurement
Operations**
David G. Newman, Director
HR-53, Room 402, 1615 M Street, N.W.
(202) 634-4540

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

Office of Administrative Services

**235 Reference and Information
Management Division**
Freedom of Information and Privacy Branch
Denise B. Diggin, Chief
HR-831, Room 1G-051, Forrestal
(202) 586-5955

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

236 Printing and Graphics Division
Energy Technology Visuals Collection
(ETVC)
HR-84, Room BH-039, Forrestal
(202) 586-9796

ETVC, which dates from the 1977 inception of DOE, serves as a central repository for visual aids representing the Department's many research and development activities. The collection, maintained and operated by the Office of Administrative Services, contains high quality photographs of over 600 DOE-sponsored projects in such areas as fossil fuels, nuclear fission and fusion, solar energy, conservation, and environmental activities. Images are available as 8" x 10" black and white prints, 8" x 10" color prints, and 35 mm color slides through the Graphics Branch on Form HQ F 1420.16. 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 data base with respect to program, project, technology, and geographic location. ETVC supports DOE program personnel as well as other Federal, State and local agencies, and the private sector, upon approval, in preparing publications and presentations.

**237 OFFICE OF ARMS CONTROL AND
NONPROLIFERATION**
Victor E. Alessi, Director
IS-40, Room 4C-014, Forrestal
(202) 586-2102

Responsible for the development of DOE positions, policies, and plans relating to arms control and non-proliferation and for overseeing DOE's supporting activities.

238 Office of Arms Control
Anthony F. Czajkowski, Acting Director
IS-40, Room 4C-014, Forrestal
(202) 586-7744

Responsible for developing and coordinating DOE positions, policies, and plans relating to arms control and for overseeing DOE's supporting activities.

239 Policy and Technical Analysis Division
Gail Bradshaw, Director
IS-40, Room 4C-014, Forrestal
(202) 586-7744

Responsible for policy and technical analytical support for development, coordination, and representation of DOE positions within the U.S. Government and for international deliberations pertaining to arms control and nonproliferation treaty negotiation, treaty implementation, and compliance determination processes.

240 Office of Nonproliferation Policy
Edward T. Fei, Acting Director
IS-40, Room GA-017, Forrestal
(202) 586-6175

Responsible for DOE's implementation of U. S. non-proliferation policy, including support for the work of the International Atomic Energy Agency (IAEA); negotiation of new international agreements for cooperation in the peaceful uses of atomic energy; review and approval of "subsequent arrangements" under the Nuclear Non-Proliferation Act and Atomic Energy Act; and management of the Reduced Enrichment Research and Test Reactor (RERTR) Program.

241 Office of Export Control and International Safeguards
John M. Rooney, Director
IS-40, Room GA-045, Forrestal
(202) 586-2112

Responsible for supporting U.S. nuclear export control systems, supporting international nuclear export control activities, and supporting international safeguards activities by the International Atomic Energy Agency (IAEA).

242 Export Control Operations Division
Trisha Dedik, Director
IS-40, Room GA-030, Forrestal
(202) 586-8460

Responsible for supporting U.S. and international export control activities, including the review of requests to export technology and commodities of nuclear non-proliferation concern. Provides a technology base which supports all U.S. agencies that are involved in nuclear technology denial, including the development of policy, licensing, and enforcement.

243 International Safeguards Division
Kenneth E. Sanders, Director
IS-40, Room GA-017, Forrestal
(202) 586-8460

Responsible for participating for DOE in formulation and implementation of U. S. Government nonproliferation policy concerning the International Atomic Energy Agency (IAEA), international safeguards and physical protection, and nuclear inspection activities. In particular, provides oversight and direction for analyses, strategies, procedures, instrumentation, technology, and training in support of U.S. Government nuclear nonproliferation policy.

244 Office of Emergency Management
John J. Nettles, Acting Director
IS-60, Room GE-262, Forrestal
(202) 586-9892

Develops and operates systems to detect and assess developing emergency situations. Ensures an integrated and coordinated Departmental response to all emergencies. Conducts tests and exercises of emergency plans to improve emergency planning and response capabilities. Monitors domestic and international energy systems to evaluate energy market conditions and recommends responses. Conducts appraisals of emergency management programs and capabilities to ensure implementation of emergency plans and procedures. Assists other Federal agencies, State, and local governments, and industry in preparing for and responding to an energy emergency.

245 OFFICE OF LABORATORY MANAGEMENT
Antoinette Grayson Joseph, Acting Director
LM-1, Room 3F-077, Forrestal
(202) 586-5447

Assists the Science and Technology Advisor with his responsibilities for the overall vitality of the DOE National Laboratories, both as individual institutions and as a collective intellectual resource for the Nation. Assesses the overall strength and vitality of the multi-program laboratory system and fosters resolution of system-wide issues and concerns, such as the role of the laboratories and policies governing their use.

246 Laboratory Management Division
Alan B. Claflin, Director
LM-10, Room 3F-077, Forrestal
(202) 586-9740

Develops and coordinates Departmental policy and monitors its implementation in the following areas: strategic and institutional planning for multiprogram laboratories, laboratory appraisals, work by the laboratories for non-DOE sponsors, laboratory-directed research and development, laboratory technology transfer implementation and education support, and general purpose facilities.

247 Office of Technology Utilization
Roger A. Lewis, Director
LM-20, 3H-017, Forrestal
(202) 586-5388

Develops internal technology transfer and utilization policies that cut across program lines, including budget cross-cuts and training, providing definitive interpretation of these policies, and coordinating them with other Federal agencies. Serves as focal point for developing new models of cooperation and supporting the development of new tools and techniques for commercialization and for measuring the effectiveness of DOE's technology transfer and commercialization activities. Coordinates Departmental technology transfer outreach activities to U.S. industry, academia, and State/local government, and acts as liaison to such groups. Has lead for arranging DOE representation, by personnel and exhibits, at technology transfer conferences, conventions, trade fairs, etc. Prepares outreach publications.

248 OFFICE OF NUCLEAR ENERGY (NE)
Office of the Director
Daniel A. Dreyfus, Acting Director
NE-1, Room 5A-115, Forrestal
(202) 586-2240

Formulates and directs the Department's research and development programs associated with the theory and production of Atomic Energy, through nuclear reactor development, both civilian and naval; isotope production and related sales; space nuclear applications; and residual uranium program activities.

249 Office of Policy and Management
George F. Cole, III, Director
NE-10, Room 5A-115, Forrestal
(202) 586-6630

Directs international nuclear safety assistance programs. Formulates and implements international nuclear policy options. Interfaces with other

Departmental elements on intelligence, nonproliferation, and safeguards matters.

250 International Programs Division
Sol Rosen, Director
NE-14, Room B-413, Germantown
(301) 903-3218

Develops and implements international policy options. Coordinates policy development within DOE, other U.S. Government agencies, agencies of foreign governments, and international organizations, as appropriate. Representative international policy areas include: research and development collaboration, nonproliferation, international safety rules and regulations, and foreign nuclear powerplants operational safety.

251 Reactor and Safety Assistant to Russia/Ukraine Division
Sol Rosen, Acting Director
NE-15, Room B-413, Germantown
(301) 903-3218

Manages programs to improve cooperation and assistance in nuclear power activities. Serves as the U.S. Co-Chairman of the Joint Coordinating Committee for Commercial Nuclear Reactor Safety with Russia and Ukraine.

252 Office of Uranium Programs
Norton Haberman, Acting Director
NE-30, Room A-251A, Germantown
(301) 903-4321

Responsibilities include planning, policy and program development, and direction in the execution of uranium program requirements of the Energy Policy Act of 1992 and for activities attendant to the retained DOE ownership of uranium enrichment facilities, both leased and non-leased, and technologies. Provides policy guidance and oversight of activities that support the United States Enrichment Corporation (USEC) on a reimbursable basis.

253 Enrichment Oversight and Uranium Revitalization Division
Richard E. Dierlam, Acting Director
NE-32, Room A-271, Germantown
(301) 903-4781

Develops, implements, and directs programs to promote the export of domestic uranium, and to encourage State and local utility regulators to consider uranium import dependence in their regulatory decisions. Reports annually to Congress on actions taken with respect to the domestic uranium industry.

254 Facility and Technology Management Division
Robert M. George, Director
NE-33, Room A-285, Germantown
(301) 903-5922

Administers and oversees the lease between DOE and USEC covering cost-reimbursable services and other matters of joint interest.

255 Office of Civilian Reactor Development
Edson C. Brolin, Director
NE-40, Room 5A-115, Forrestal
(202) 586-2240

Responsible for the support of the national energy strategy by developing and implementing programs to ensure that nuclear energy remains a safe, economically competitive, and environmentally acceptable option that continues to contribute to national energy stability, security, and strength.

256 Actinide Recycle Division
Jerry D. Griffith, Director
NE-42, Room A-411, Germantown
(301) 903-4414

Develops and recommends goals, policies, and associated strategies that provide technically sound and economic approach for disposal of spent fuel actinides and weapons plutonium in fission reactors.

257 Advanced Neutron Source Division
Ray A. Hunter, Acting Director
NE-43, Room F-424, Germantown
(301) 903-2915

Provides technical and program guidance for the research and development, design, construction, and operation of the ANS consistent with DOE policies and practices, with particular emphasis on environmental acceptability, safety, safeguards and security, and operational efficiency to meet DOE mission requirements.

258 Facilities Division
Ray A. Hunter, Director
NE-44, Room F-424, Germantown
(301) 903-2915

Provides technical and program guidance for the operation and initial decommissioning of NE test facilities in a safe, cost-effective, reliable, and environmentally acceptable way. Provides technical and program guidance for the design, construction,

operation, and initial decommissioning of Energy Research reactors and associated facilities.

259 Advanced Light Water Reactors Division
David J. McGoff, Director
NE-45, Room A-439A, Germantown
(301) 903-5447

Directs and implements Light Water Reactor safety and technology programs, including the light water reactor extended plant lifetime technology program, to address serious regulatory, performance, and perception obstacles to nuclear deployment. Maintains an up-to-date status of the financial conditions of nuclear utilities, including plant construction and/or cancellation information.

260 Isotope Production and Distribution Division
Donald E. Erb, Director
NE-46, Room F-402, Germantown
(301) 903-5338

Directs all isotope production and distribution activities within DOE. This entails coordination with the Offices of DP and ER, the Operations Offices, other appropriate departmental elements to establish production requirements and schedules and determine long-range production capabilities.

261 Office of Space and Defense Power Systems
Alan R. Newhouse, Director
NE-50, Room A-420, Germantown
(301) 903-4306

Responsible for fulfilling DOE's charter under the Atomic Energy Act to support other Federal agencies in the design, development, production, and testing of reactor and isotope power systems for space and special purpose terrestrial applications and by maintaining a base technology program that advances new technologies that may be used in future system development.

262 Space Reactor Power Systems Division
Wade P. Carroll, Director
NE-52, Room E-430, Germantown
(301) 903-3321

Provides technical and program guidance for the design, development, testing, and construction of nuclear power and propulsion reactors for civilian or defense applications, including safety. Integrates other reactor development activities in support of co-

operative projects with other agencies for the development of nuclear systems.

263 Radioisotope Power Systems Division
Robert G. Lange, Director
NE-53, Room E-416, Germantown
(301) 903-4362

Provides overall program management and integration of agency radioisotope power systems; and technical and program guidance for the development, testing, and production of radioisotope power systems in support of civilian and military space and terrestrial missions.

264 Office of Naval Reactors
Bruce DeMars, Director
NE-60, Room 3N06, National Center 2
(703) 603-7321

Responsible for conducting requirements under Section 309(a) of the DOE Organization Act which assigns civilian power reactor programs and all DOE naval nuclear propulsion functions.

265 OFFICE OF PUBLIC AND CONSUMER AFFAIRS (PA)
Michael G. Gauldin, Director
PA-1, Room 7A-145, Forrestal
(202) 586-4940

Responsible for managing and overseeing the overall press services, public affairs, and public information activities of the Department. 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) 586-3650

266 ASSISTANT SECRETARY FOR POLICY, PLANNING AND PROGRAM EVALUATION (PO)
Susan F. Tierney, Assistant Secretary
PO-1, Room 7C-034, Forrestal
(202) 586-4640

Responsible for developing and directing domestic and international energy policy, including the international component of overall energy policy, and for coordinating the Department'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.

267 Office of the Deputy Assistant Secretary for Policy Planning and Implementation
Vacant, Deputy Assistant Secretary
Secretary
PO-5, Room 7C-034, Forrestal
(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.

268 Office of Energy Demand Policy
Carmen DiFiglio, Director
PO-50, Room 7H-021, Forrestal
(202) 586-4444

Responsible for (1) planning, directing, and coordinating the Department'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.

269 Office of Electricity and Generating Fuels Policy
David H. Meyer, Acting Director
PO-51, Room 7H-075, Forrestal
(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.

270 Office of Oil and Natural Gas Policy
Leonard L. Coburn, Acting Director
PO-52, Room 7H-063, Forrestal
(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.

271 Office of the Deputy Assistant Secretary for Economic and Environmental Policy
Abraham E. Haspel, Deputy Assistant Secretary
PO-6, Room 7C-034, Forrestal
(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 the Department's planning strategies and technology outlook.

272 Office of Environmental Analysis
Edward R. Williams, Director
PO-60, Room 4G-036 Forrestal
(202) 586-2061

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

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

Responsible for directing the implementation of the National Energy Strategy, providing analysis of the Department'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.

274 Office of Program Review and Analysis
Robert C. Marlay, Director
PO-62, Room 7H-085, Forrestal
(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.

275 Office of Strategic Planning
John R. Sullivan, Acting Director
PO-63, Room 7B-044, Forrestal
(202) 586-5390

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

276 Office of the Deputy Assistant Secretary for International Affairs
Richard H. Williamson, Deputy Assistant Secretary
PO-7, Room 7C-034, Forrestal
(202) 586-5493

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.

277 Office of International Research and Development Policy
Harold Jaffe, Director
PO-70, Room 1E-218, Forrestal
(202) 586-6770

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.

278 Office of International Energy Analysis
John R. Broadman, Director
PO-71, Room 7G-090, Forrestal
(202) 586-5915

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.

279 International Energy Organizations and Policy Development Division
Robert S. Price, Jr., Director
PO-711, Room 7G-046, Forrestal
(202) 586-6383

Develops objectives, generic policy positions, specific policies with respect to individual foreign countries,

and prepares briefing papers for all USG energy-related bilateral and multilateral Ministerial discussions.

280 Energy Assessments Division
David L. Pumphrey, Director
PO-712, Room 7G-076, Forrestal
(202) 586-6832

Develops strategic assessments on critical international energy issues to include world oil market conditions, petroleum stocks, natural gas security, electricity policy and energy/environmental interactions, and energy trade.

281 OFFICE OF CIVILIAN RADIOACTIVE WASTE MANAGEMENT (RW)
Daniel A. Dreyfus, Director
RW-1, Room 5A-085, Forrestal
(202) 586-6842
Public Information System
(800) 225-6972

Responsible for the implementation of the Nuclear Waste Policy Act (NWP) P. L. 97-425, as amended, to provide for the characterization and determination of suitability for the Yucca Mountain, Nevada, site for the development of a repository for the disposal of high-level radioactive waste and spent nuclear fuel; the development of interim storage capabilities prior to the availability of a repository for permanent disposal; and the development of transport capability for the waste management system in a manner that fully protects the public health and safety and is in accordance with the NWP of 1982.

282 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 the quality assurance program. Additionally, responsible for conducting audits at Headquarters, site locations, and at contractor facilities associated with the program; performing quality surveillance of Federal and contractor activities; and identifying deficiencies, preparing corrective action reports, and verifying implementation of corrective action.

283 Office of Strategic Planning and International Programs
Jerome D. Saltzman, Acting Director
RW-4, Room 5A-051, Forrestal
(202) 586-1252

Primary responsibility is for overall development of strategic and contingency plans. Also manages the international program and develops and prepares strategy for risk management and communication. Interfaces with the National Academy of Sciences on policy and technical issues.

284 Office of External Relations
Jerome D. Saltzman, Director
RW-5, Room 5A-051, Forrestal
(202) 586-2277

Primary responsibility for managing the program's institutional relations, including those with the key affected organizations external to DOE. Responsible for the development and implementation of a national education institution program and coordinates relations with affected governments, interested parties, the general public, and appropriate educational entities; coordinates international conferences, manages congressional relations and public information; ensures the integration of institutional with the technical activities of all program components in the Office of Civilian Radioactive Waste Management; provides policy and program direction for institutional relations, financial assistance, and socioeconomic studies; develops Office communications program, its policy and requirements; and provides guidance and compliance oversight.

285 Office of Program and Resources Management
Samuel Rouso, Associate Director
RW-10, Room GF-253, Forrestal
(202) 586-9116

Responsible within RW for the development, implementation, and maintenance of a total quality management program; information resources and records management; development of the total system life cycle cost estimates; and the project decision schedule and program cost and schedule baseline. Additionally, responsible for the proper management and administration of the Nuclear Waste Fund and Civilian

R&D accounts; manpower and organization planning and personnel management; and preparation and execution of office budgets.

286 Office of Geologic Disposal
Robert M. Nelson, Jr., Acting Associate Director
RW-20, 101 Centerville Drive
Las Vegas, NV 89109
(702) 794-7920

Yucca Mountain Site Characterization Project Office
101 Convention Center Drive
Las Vegas, NV 89109
(702) 794-7920

Responsible for developing and implementing strategies related to the evaluation of the suitability of the Yucca Mountain site, for preparation of an environmental impact statement in compliance with the NEPA process, and for pre-licensing interactions with the NRC leading to preparation and submittal of a license application, should the site be found suitable; developing, evaluating, and documenting site suitability assessment criteria and related assessment methods; designing, developing, siting, constructing, and operating a test-and-evaluation facility; developing and implementing a waste package implementation strategy; and developing the physical subsystem (e.g., natural and engineered barriers) required to dispose of the high-level waste. Responsible for planning, managing, and evaluating the development, siting, design, construction, operation and decommissioning of a geologic repository.

287 Office of Systems and Compliance
Dwight E. Shelor, Associate Director
RW-30, Room 7F-031, Forrestal
(202) 586-6046

Responsible for planning, managing, and overseeing the development, integration, and evaluation of the civilian radioactive waste management system; develops and controls all systems engineering policy and requirements and coordinates the Department's interactions with the Nuclear Regulatory Commission; establishes environmental compliance requirements; develops alternate licensing strategies; and develops a Program Management System.

288 Office of Storage and Transportation
Ronald A. Milner, Associate Director
RW-40, Room 7F-059, Forrestal
(202) 586-9694

Responsible for planning, managing, and evaluating the development, siting, design, construction, operation, and decommissioning of a Monitored Retrievable Storage (MRS) facility for the interim storage of spent nuclear fuel. Develops policy and implements procedures for site selection. Additionally, manages utility contracts and serves as the primary technical interface with the nuclear utilities. Manages the development and operation of a comprehensive system to transport spent nuclear fuel and high-level radioactive waste from the reactor sites to the MRS and the repository. Conducts analyses of the adequacy of the waste management fees paid by owners/generators of spent nuclear fuel and high-level waste to cover program costs and establish fees for waste forms not covered by existing fee structure.

289 Office of Contract Business Management
Samuel Rouso, Director
RW-50, Room GF-253, Forrestal
(202) 586-9116

Responsible for managing the procurement/business activities of the Management and Operating (M&O) contract; developing a Contract Management Plan; overseeing and administering the award fee process for the M&O contractor; monitoring performance; and analyzing M&O cost and schedule information. Also responsible for managing the procurement/business activities of RW and providing centralized contract management support.

Federal Energy Regulatory Commission (FERC)

290 Congressional Affairs and State Liaison
Office of External Affairs
Don Chamblee, Director
EA-20, 825 North Capitol Street, N.E.,
Room 9204
Washington, DC 20002
(202) 208-0870

Serves as liaison with Congress, including the committees of Congress having oversight authority on matters affecting the Federal Energy Regulatory Commission. This Division coordinates presentation of Commission testimony, information, and views pertaining to legislative issues and proposals. This Division also serves as liaison to State Government offices, including the governors and State legislators.

291 Press Services
Office of External Affairs
Ron Harris, Director and Press Secretary
EA-10, 825 North Capitol Street, N.E.,
Room 9200
Washington, DC 20002
(202) 208-0680

Meets the information needs of the news media on the full range of energy regulatory subjects and proceedings within the Commission's jurisdiction. There are information specialists in the fields of natural gas, electricity, hydroelectric projects, and oil pipelines in this Division.

292 Public and Intergovernmental Affairs
Office of External Affairs
Vacant, Director
EA-30, 825 North Capitol Street, N.E.,
Room 9200
Washington, DC 20002
(202) 208-1088

Responds to inquiries from the public, industry, interest groups, and Federal, State and local governments about Commission regulatory activities, actions, and procedures. This division also serves as a communications link with the National Association of Regulatory Utility Commissioners and their member State commissions. This Division helps identify sources of energy-related information and data, availability of FERC publications, and other matters of broad general interest. The Division develops informational and educational materials on energy regulatory subjects, coordinates the scheduling of speaking engagements by FERC officials, and processes and responds to Freedom of Information and Privacy Acts or other written, oral, and telephonic requests for information.

Department of Energy Laboratories, Field Facilities, and Power Administrations

Following are alphabetically listings 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

293 ALBUQUERQUE OPERATIONS OFFICE

U.S. Department of Energy
Ben McCarty, Public Affairs Officer
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 production programs in an environmentally sound manner. Responsible for the operation and direction of the nuclear weapons production complex. Operates the DOE transportation safeguards system. Provides field level planning, coordination, and direction of non-weapons 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.

294 Los Alamos National Laboratory

University of California
John Webster
Public Information Officer
Mail Stop A-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.

295 Sandia National Laboratories

Rod Geer
Public Relations Department 7161
P. O. Box 5800
Albuquerque, NM 87185
(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 R&D 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.

296 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.

297 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.

298 Ames Laboratory

Steve Karsjen, Manager
Office of Public Affairs and Information
201 Spedding
Iowa State University
Ames, IA 50011
(515) 294-1856
FAX (515) 294-3226

Established in 1947 as a result of the Manhattan Project. The primary mission is to conduct basic research in materials and chemical sciences, chemistry, physics, engineering, metallurgy, mathematics, and related research in materials reliability and nondestructive evaluation.

299 Argonne National Laboratory

Harry Conner
Director, Office of Public Affairs
9700 South Cass Avenue
Argonne, IL 60439
(312) 972-5511

Established in 1947, conducts applied research and engineering development in nuclear fission and other energy technologies and scientific research in basic physical and life sciences. Develops and operates research facilities for members of the scientific community, maintains close interaction with personnel in universities and industry, and aids in the education of scientists and engineers.

300 Brookhaven National Laboratory

Anne Baittinger, Public Affairs Manager
Upton, NY 11973
(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.

301 Fermi National Accelerator Laboratory

Barbara Lack
Public Information Office
P. O. Box 500
Batavia, IL 60510
(808) 840-3351
FTS (708) 370-3351

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 first superconducting accelerator and currently the 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.

302 National Accelerator Laboratory

Barbara Lach
Public Information Office
P.O. Box 500
Batavia, IL 60510
(312) 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. A related mis-

sion is the improvement of accelerator design that has resulted in numerous technological spin-offs: the development of various applications other than magnets for superconductivity; fast electronics and particle detector technology; and special computers and computer programs.

303 Princeton Plasma Physics Laboratory (PPPL)
Anthony R. DeMeo, Jr., Director
Information and Administrative 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-Modified (PBX-M). PPPL and representatives of other U.S. fusion laboratories, universities, and private industry are collaborating on the design of the Compact Ignition Tokamak (CIT), which is currently planned for construction at PPPL during the mid-1990's. 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 development and application of soft x-ray lasers, the study of spacecraft glow and erosion, and the plasma etching of electronic circuitry on semiconductor chips.

304 ENVIRONMENTAL MEASUREMENTS 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 multidisciplinary 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, composi-

tion, 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.

305 GRAND JUNCTION PROJECTS OFFICE
Michael K. Tucker, Manager
P. O. Box 2567
Grand Junction, CO 81502
(303) 248-6000

The primary mission of the Grand Junction Projects Office (GJPO) is to apply its project management, engineering, and geoscience capabilities to support national programs in environmental restoration, geoscience, and energy. Activities include: the Grand Junction Uranium Mill Tailings Remedial Action (UMTRA) vicinity properties project; the Monticello, Utah, mill site and vicinity properties project; the CERCLA Superfund uranium mill tailings remedial action project; the remediation of DOE's Grand Junction Projects Office; and the DOE-wide Long-Term Surveillance and Maintenance Program. GJPO, which first became involved with environmental restoration in 1973 with the Grand Junction Remedial Action Program (GJRAP), is also involved with environmental restoration of other DOE sites as requested.

306 IDAHO FIELD OFFICE
U.S. Department of Energy
Dennis S. Hurtt, Director
Office of External Affairs
785 DOE Place
Idaho Falls, ID 83401
(208) 526-8101

Established in 1949, supports the engineering and operations efforts of the Department of Energy 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 administers the Idaho National Engineering Laboratory and manages a field location in West Valley, New York, for the high-level radioactive waste demonstration project at a former commercial nuclear facility.

307 LARAMIE PROJECT OFFICE
U. S. Department of Energy
J. Keith Westhusing, Branch Chief
Liquid Fuels Technology Branch
Fuels Resources Management Division,
METC
P. O. Box 1189
Laramie, WY 82070
(307) 721-7200

The lead laboratory under the Morgantown Energy Technology Center primarily responsible for oil shale and tar sands and coal co-products (mild gasification). Performs the interface with the research work being done by the Western Research Institute and by the University of Wyoming. The Office is particularly involved with Lawrence Livermore National Laboratory in its design and operation of the Recycle Solids Oil Shale Retort. Also oversees various coal co-products contracts enhancing methods for providing value-added products from coal. Additional liaison functions are performed with State and Federal entities in the western region.

308 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.

309 NATIONAL RENEWABLE ENERGY LABORATORY (NREL)
Marguerite Kelly, Manager
Communications & MIS Branch
1617 Cole Boulevard
Golden, CO 80401
(303) 275-4099
FAX (303) 275-4091

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.

310 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) 261-5817
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.

311 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.

312 NEVADA FIELD OFFICE
U.S. Department of Energy
Office of External Affairs
Chris L. West, 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.

313 OAK RIDGE NATIONAL LABORATORY
L. Darryl Armstrong
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.

314 OAK RIDGE OPERATIONS OFFICE
U.S. Department of Energy
James T. Alexander
Assistant to Manager for Public Information, M-4
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 Wel-

don Spring Site Remedial Action Project. Major programs and projects include (1) direction of R&D 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.

315 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 the Department of Energy'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.

316 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, magnetohydrodynamics, advanced research and technology development in direct utilization and liquefaction, solids transport, university coal research, peat resources, and anthracite coal. Has established a National Coal Technology Data Base where users may have access to Government coal research. Facilities and expertise are available to industry and other research organizations through Co-operative Research and Development Agreements (CRADAs).

317 PITTSBURGH NAVAL REACTORS OFFICE

U. S. Department of Energy
C. K. Gaddis, Manager
P. O. Box 109
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 and the Naval Reactors Facility perform research and development of naval nuclear propulsion plants and operate associated prototype plants.

318 Westinghouse Electric Corporation

Bettis Atomic Power Laboratory
Dr. D. R. Connors, Manager
Operations Training
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 operates prototype naval reactor plants and a facility for examining expended naval reactor cores.

319 RICHLAND FIELD OFFICE

U.S. Department of Energy
Mike Talbot, Acting Director
Office of Communications
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.

320 Battelle Pacific Northwest Laboratory

Gary Petersen
Public Relations Manager
P. O. Box 999
Richland, WA 99352
(509) 375-2924

Battelle Memorial Institute operates the U.S. Department of Energy's Pacific Northwest Laboratory (PLN). 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 188-acre conference and study center in north Seattle.

321 Hanford Environmental Health Foundation

Carol Bonadie
Public Relations
P. O. Box 100 HI-52
Richland, WA 99352
(509) 376-6923

Provides personnel health services in the fields of occupational medicine, behavioral sciences, and environmental health services to DOE and its Hanford contractors. It also conducts occupational and epidemiological research for DOE.

322 Kaiser Engineers Hanford Company

R. D. Folker
Vice President of Administration
P. O. Box 888
Richland, WA 99352
(509) 376-6967

Performs the architectural-engineering construction for the Department of Energy Hanford Site.

323 Westinghouse Hanford Company

John Burk
Director, Communications
P. O. Box 1970, B3-25
Richland, WA 99352
(509) 376-8157

Responsible for the Hanford Site environmental management and restoration.

324 SAN FRANCISCO FIELD OFFICE (SF)
U.S. Department of Energy
John Belluardo, Acting Director
Office of Communications and Planning
1301 Clay Street
Oakland, CA 94612
(510) 637-6398
FAX (510) 637-6434

Established in 1952, the Office has a multi-program mission, including: defense programs; basic energy sciences; high energy and nuclear physics; environmental, safety and health; fusion research and development; nuclear energy and space research and development; environmental restoration and waste management activities; and conservation, renewable energy, and fossil energy programs. Specifically, SF administers contracts for the operation of laboratory and engineering facilities with a work force of approximately 13,000. SF's major facilities are: Lawrence Livermore National Laboratory (LLNL) and Lawrence Berkeley Laboratory (LBL), which are both managed by the University of California; Stanford Linear Accelerator Center, managed by Stanford University; and Energy Technology Engineering Center (ETEC), a component of Rockwell International, Rocketdyne Division.

325 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 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.

326 Lawrence Livermore National Laboratory
University of California
Charles H. Biederman, Public Affairs Director
P. O. Box 808, L-404
Livermore, California 94550
(415) 422-4599

Managed by the University of California for the U. S. Department of Energy, conducts research important to national goals, including national defense. Current research programs include weapons, energy, biomedicine and the environment. The Laboratory also has a longstanding commitment to protect the environment and enhance the Nation's economic competitiveness.

327 Stanford Linear Accelerator Center
Stanford University
Michael Riordan, 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.

328 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 element of the DOE nuclear weapons complex, the Savannah River Operations Office carries out: production of special nuclear materials, management of nuclear waste, production of naval fuels materials, and protection and management of environmental resources.

**329 SCHENECTADY NAVAL REACTORS
OFFICE (SNR)**
U.S. Department of Energy
J. S. Cote, Public Information Officer
P.O. Box 1069
Schenectady, NY 12301
(518) 395-6379

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

Markets hydroelectric power generated at Federal multipurpose dams operated by the Army Corps of Engineers and the Bureau of Reclamation.

330 Alaska Power Administration
Robert J. Cross, Administrator
2770 Sherwood Lane, Suite 2B
Juneau, AK 99801-8545
(907) 586-7405

331 Bonneville Power Administration
Randall W. Hardy, Administrator
P.O. Box 3621
Portland, OR 97208
(503) 230-5101

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

332 Southeastern Power Administration
John A. McAllister, Jr., Administrator
Samuel Elbert Building
Elberton, GA 30635-2496
(404) 283-9911

333 Southwestern Power Administration
J. M. Shafer, Administrator
P.O. Box 1619
Tulsa, OK 74101
(918) 581-7476
FTS (918) 745-7530

Washington, DC, Office
Rodney Adelman, Liaison Offices
Room 8E-026, Forrestal
(202) 586-2008

334 Western Area Power Administration
William Clagett, Administrator
P.O. Box 3402
1627 Cole Boulevard
Golden, CO 80401
(303) 231-1513

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

Federal Government Agencies

Department of Agriculture

- 335 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.

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

Thomas E. Hamilton, Associate Deputy
Chief for Research
(202) 205-4507

David G. Unger, Associate Deputy Chief for
the National Forest System
(202) 205-6677

Allen J. Schacht, 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

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.

- 337 Rural Electrification Administration**
14th and Independence Avenue, S.W.
Washington, DC 20250

Legislative and Public Affairs Staff
(202) 720-1255

Makes loans to finance electric and telephone facilities in rural areas. These loans finance construction and operation of generating plants and transmission and distribution lines to provide initial and continued adequate electric service in rural areas. Loans are repaid by borrowers from their operating revenues.

Department of Commerce

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

For trade data:
(301) 763-5140

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

- 339 Bureau of Economic Analysis**
1401 K Street, N.W.
Washington, DC 20230

Barbara Howenstine, Information Officer
(202) 523-0777

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 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 are available through GPO and NTIS.

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

Heavy Equipment Division
(202) 377-0680

Provides industry shipments and trade data of mining machinery.

341 International Trade Administration
14th and Constitution Avenue, N.W.
Room 4045
Washington, DC 20230

Vincent J. Kamenicky, Director
Office of Chemicals and Allied Products
(202) 377-0128
FAX (202) 377-8836

Leo R. McIntyre, Chemical Industry
Specialist
(202) 377-0128
FAX (202) 377-8836

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 also is responsible for the competitive assessment programs, policy and legislation, and export promotions.

**342 Office of Energy, Environment,
and Infrastructure**
Energy Division
Room 4413
Washington, DC 20230

Joe Yancik, Director
Basic Industries Sector Trade Development
(202) 482-1466

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.

**343 Office of Energy, Environment, and
Infrastructure**
Power and Construction Equipment Branch
Room 4324
Washington, DC 20230

Edward McDonald
Industry Specialist
(202) 482-0680

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

**344 National Institute of Standards and
Technology**
Gaithersburg, MD 20899

George Lewett, Chief
(301) 975-5500
FTS 879-5500

Sandy Wean (for program information)
(301) 975-5500
FTS 879-5500

Provides for evaluation of ideas and inventions to determine their technical and commercial feasibility, energy conservation or supply value, and practicality; for recommendations for DOE funding if the technology is promising. Applicants must submit a complete 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.

**345 National Oceanic and Atmospheric
Administration (NOAA)**
National Climatic Data Center
Dr. Kenneth Hadeen, Director
Federal Building
Asheville, NC 28801-2696

For climate data, call:
(704) 259-0682
FTS 672-0682

Provides, for the cost of reproduction (minimum charges begin at \$13.00), available climatic summaries for sites in or near a locality. Climatic summaries for major U.S. weather stations, including wind data, are available in different forms, some more detailed than

others. Detailed summaries include wind variation by hour of day and month of year. Wind tabulations that present the percentage frequency of wind direction and wind-speed groups have been constructed for many of the weather stations. In addition, the Office has available solar insolation data for a number of cities in the United States. Special studies involving wind and/or solar insolation may be produced upon request. Machine-readable data are also available.

346 National Technical Information Service (NTIS)
5285 Port Royal Road
Springfield, VA 22161
1-800-553-6847

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

347 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
FTS 697-9419

Millard Carr, Assistant for Energy Policy
(703) 697-5981
FTS 697-9419

Edward J. Dyckman, Assistant for Energy Resource Management
(703) 697-5981
FTS 697-9419

James Carnes, Assistant for Energy Systems and Analysis
(703) 697-5981
FTS 697-9419

Col. Larry Dipoma, USAF
Assistant for Petroleum Logistics
(703) 697-5981
FTS 697-9419

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

348 Office of Community Services
Administration for Children and Families
Mary Jo Bane, Assistant Secretary
370 L'Enfant Promenade, S.W.
Washington, DC 20447
(202) 401-9200

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

349 Office of Environment and Energy

Robert Groberg, Director
Wyndham Clarke, Deputy Director
Energy Division
451 7th Street, S.W., Room 7244
Washington, DC 20410
(202) 708-2504
FTS 458-2504

Serves as HUD's 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 the Department, including the Community Development Block Grant Program and the Affordable Housing Act programs.

The Division administers and participates in demonstrations, feasibility studies, and cooperative efforts with the Department of Energy 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.

350 HUD USER

P. O. Box 6091
Rockville, MD 20850
(301) 251-5154
1-800-245-2691

Operates a computer-based information service created by the Department of Housing and Urban Development (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

351 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.

352 Minerals Information Office

1849 C Street, N.W., Room 2647-MIB
Washington, DC 20240

Mineral and Mining Information
(202) 208-5520

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 for mineral resource inquiries. Mineral experts provide information and access to USGS and Bureau of Mines 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.

353 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.

354 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.

355 Division of Technical Services

John Mosesso, Chief
1951 Constitution Avenue, N.W.
Room 640NC
Washington, DC 20240
(202) 343-1480

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.

356 Bureau of Mines

Office of International Data Section
2401 E Street, N.W., Room 404, MS 5242
Washington, DC 20241-0001

George J. Coakley, Chief
Division of International Minerals
(202) 632-8970
FTS 634-1112/1115

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.

**357 U. S. Geological Survey (USGS)
Geologic Inquiries Group (GIG)**
907 National Center
Reston, VA 22092
(703) 648-4383
FTS 959-4383

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
FTS 776-7477

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
FTS 959-7112

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 cataloged. 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

358 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.

359 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.

360 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

361 Office of Economics
400 7th Street, S.W., Room 10305
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.

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

Nancy Ebersol, Program Analyst
(202) 366-4864
FTS 426-4864

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.

363 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. Most data are by State.

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

Susan D. Ryan, Acting 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. Oversees the enforcement of the National Maximum Speed Limit. 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.

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

R. V. Giangrande, Chief
(617) 494-2486
FTS 837-2486

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.

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

Sadie Willoughby, 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/en-

forcement 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

367 Bureau of Alcohol, Tobacco, and Firearms (ATF)
Washington, DC 20226

John C. Killorin, 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.

368 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."

369 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

370 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

Consists of 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 deepwater 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.

371 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); liquefied 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.

372 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.

373 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; deepwater ports; and deep seabed mining.

**374 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.

375 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

376 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 the Department of Energy, 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.

377 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

- 378** **Indoor Air Quality Information Clearinghouse**
P. O. Box 37133
Washington, DC 20013-7133
(800) 438-4318
(301) 585-9020
FAX (301) 588-3408

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.

- 379** **Office of Air Quality Planning and Standards**
Technical Support Division
National Air Data Branch
Research Triangle Park, NC 27711

Jake Summers, Data Administrator
Air Quality Subsystems
(919) 541-5582

H. Wright, Data Administrator
Air Facility Subsystems
(919) 541-5584

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

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

- 380** **Office of Federal Activities**
Dawn Roberts
401 M Street, S.W., Room 2119M, A-104
Washington, DC 20460
(202) 260-5073

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

U.S. International Trade Commission

- 381** **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.

Nuclear Regulatory Commission

- 382** **Office of Public Affairs**
Washington, DC 20555
(301) 504-2240

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.

Tennessee Valley Authority

- 383 Forest Resources Development Program**
Larry N. Hamner, Chief Forester
Forestry Building
Norris, TN 37828
(615) 632-1631

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 on biomass combustion options, biomass harvesting, and wood drying.

U.S. General Accounting Office

- 384 U.S. General Accounting Office**
Victor S. Rezendes, 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
- Jim Wells, 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**
P.O. Box 6015
Gaithersburg, MD 20877

The U.S. General Accounting Office (GAO) is a non-partisan legislative branch agency that assists Congress, its committees, 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 devel-

opment 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) 512-6241 or write to the Publications address above. The first five copies of each GAO report are free. Additional copies are \$2 each.

U.S. Government Printing Office

- 385 U.S. Government Printing Office (GPO)**
Superintendent of Documents
Washington, DC 20402
(202) 783-3238

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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Birmingham, AL 35203
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10 Causeway Street, Room 169
Boston, MA 02222
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Room 1365, Federal Building
219 S. Dearborn Street
Chicago, IL 60604
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Cleveland, OH 44199
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Columbus, OH 43215
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1100 Commerce Street
Dallas, TX 75242
(214) 767-0076

Denver Bookstore
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1961 Stout Street
Denver, CO 80294
(303) 844-3964

Detroit Bookstore
Suite 160, Federal Building
477 Michigan Avenue
Detroit, MI 48226
(313) 226-7816

Houston Bookstore
Texas Crude Building
801 Travis Street
Houston, TX 77002

Jacksonville Bookstore
Room 158, Federal Building
400 West Bay Street
Jacksonville, FL 32202
(904) 791-3801

Kansas City Bookstore
120 Bannister Mall
5600 East Bannister Road

Kansas City, MO 64137
(816) 765-2256

Laurel Retail Sales Outlet
8660 Cherry Lane
Laurel, MD 20707
(301) 951-7974

Los Angeles Bookstore
ARCO Plaza, C-Level
505 South Flower Street
Los Angeles, CA 90071

Main Bookstore
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Washington, DC 20401
(202) 275-2091

McPherson Square Bookstore
1510 H Street, N.W.
Washington, DC 20005
(202) 653-5075

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517 E. Wisconsin Avenue
Milwaukee, WI 53202
(414) 294-1304

New York Bookstore
Room 110, Federal Building
26 Federal Plaza
New York, NY 10278
(212) 264-3825

Philadelphia Bookstore
Robert Morris Building
100 North 17th Street
Philadelphia, PA 19103
(215) 597-0677

Pittsburgh Bookstore
Room 118, Federal Building
1000 Liberty Avenue
Pittsburgh, PA 15222
(412) 644-2721

Portland Bookstore
1305 S. W. First Avenue
Portland, OR 97201-5801
(503) 221-6217

Pueblo Bookstore
World Savings Building
720 North Main Street
Pueblo, CO 81003
(719) 544-3142

San Francisco Bookstore
Room 1023, Federal Building
450 Golden Gate Avenue

San Francisco, CA 94102
(415) 252-5334

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

State Governor Offices, State Energy Offices, State Oil and Gas Agencies, State Geologist, and Public Service Commissions

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.

386 Alabama
 Governor Jim Folsom, Jr.
 Alabama State House
 11 South Union Street, Room 217
 Montgomery, AL 36130
 (205) 242-7100

State Energy Office
 K. David Shropshire
 Division Chief
 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) 349-2852, Ext. 294

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) 349-2852, Ext. 294

Public Service Commission
 J. W. Tidmore, Secretary

One Court Square
 Montgomery Street
 P.O. Box 991
 Montgomery, AL 36101-0991
 (205) 242-5218

387 Alaska
 Governor Walter J. Hickel
 State Capitol
 Pouch A
 Juneau, AK 99811
 (907) 465-3500

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 Geologist
 Thomas E. Smith
 Alaska Geological Survey
 794 University Avenue
 Suite 200
 Fairbanks, AK 99709-3645
 (907) 474-7147
 Fax: (907) 479-4779

State Oil and Gas Agency
 David Johnston, Chairman
 Oil and Gas Conservation Commission
 3001 Porcupine Drive
 Anchorage, AK 99501-3192
 (907) 279-1433

Alaska Public Utilities Commission
 Robert A. Lohr, Executive Director
 1016 West 6th Avenue, Suite 400
 Anchorage, AK 99501
 (907) 276-6222
 Fax: (907) 276-0160

388 American Samoa
Governor A. P. Lutali
Governor's House
Pago Pago, AS 96799
011 (684) 633-4116

State Energy Office
Matt Lei, Director
Territorial Energy Office
Office of the Governor
Pago Pago, AS 96799
011 (684) 699-1101

389 Arizona
Governor Fife Symington
State Capitol
Phoenix, AZ 85007
(602) 542-4331

State Energy Office
Jack Haenichen, Director
Arizona Energy Office of the Department of
Commerce
3800 North Central Avenue
Suite 1200
Phoenix, AZ 85012
(602) 280-1403 or 280-1300

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

Corporation Commission
James Matthews, Executive Secretary
Arizona Corporation Commission
1200 W. Washington
Phoenix, AZ 85007
(602) 542-3931

390 Arkansas
Governor Jim Guy Tucker
250 State Capitol
Little Rock, AR 72201
(501) 682-2345

State Energy Office
Morris Jenkins, Deputy Director
Arkansas Energy Office
No. 1 State Capitol Mall
Little Rock, AR 72201
(501) 682-7315

State Geologist
Norman F. Williams

Arkansas Geological Survey
3815 West Roosevelt Road
Little Rock, AR 72204
(501) 324-9165

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

Service Commission
Jerrell Clark, Director
Arkansas Public Service Commission
1000 Center Street
P.O. Box 400
Little Rock, AR 72203-0400
(501) 682-1794

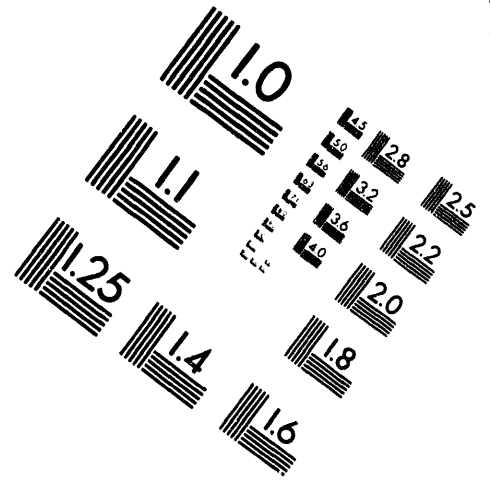
391 California
Governor Pete Wilson
State Capitol
Sacramento, CA 95814
(916) 445-2843

State Energy Office
Charles R. Imbrecht, Chairman
California Energy Commission
1516 9th Street
Sacramento, CA 95814
(916) 654-5000

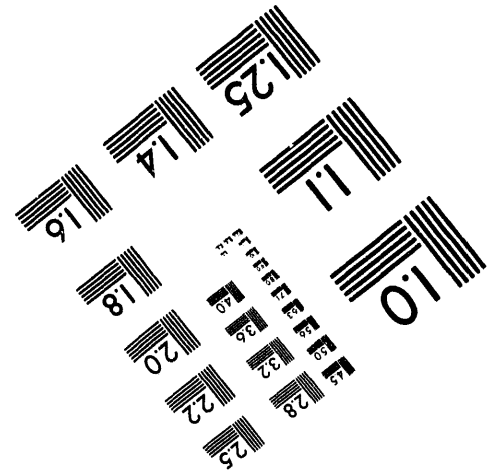
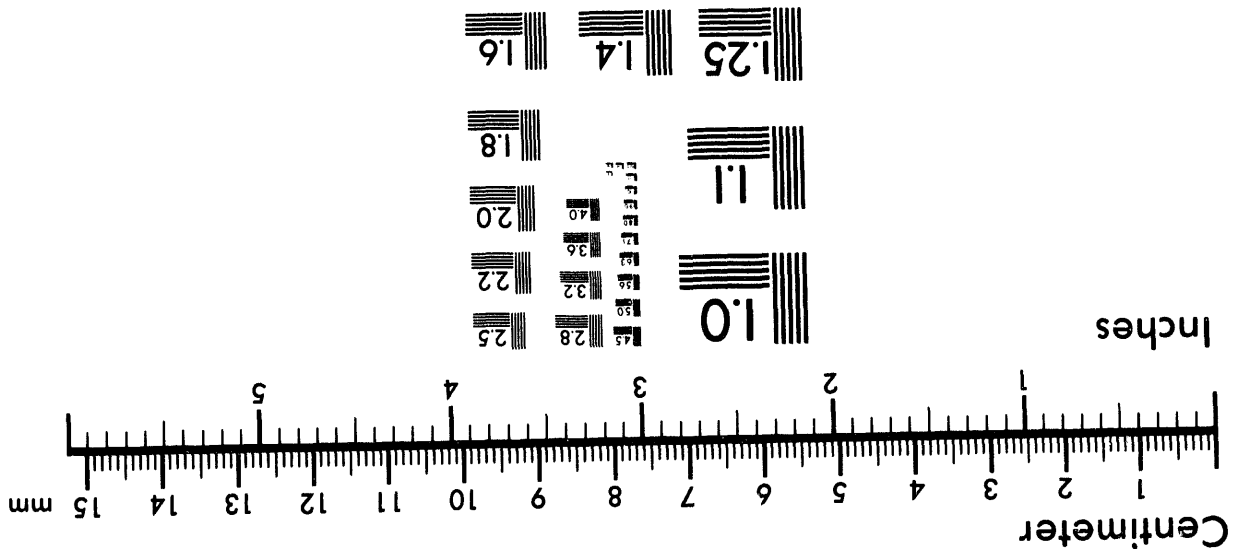
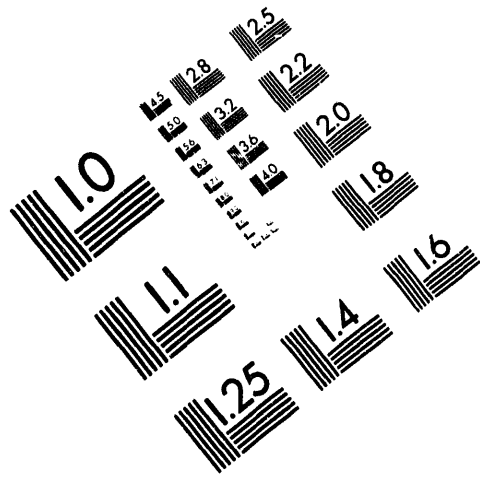
State Geologist
James F. Davis
California Geological Survey
Department of Conservation
Division of Mines and Geology
801 K Street, MS 12-30
Sacramento, CA 95814-3531
(916) 445-1923
Fax: (916) 445-5718

State Oil and Gas Agency
William F. Guerard, Jr.
Acting 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

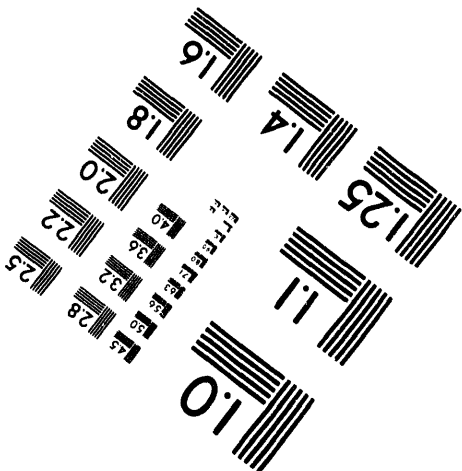
Public Utilities Commission
Neal J. Shulman, Executive Director
505 Van Ness Avenue, Room 5222
San Francisco, CA 94102
(415) 703-1487



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2 of 2

- 392 Colorado**
 Governor Roy Romer
 State Capitol
 Denver, CO 80203
 (303) 866-2471
- State Energy Office**
 Wade Buchanan, Director
 Colorado Office of Energy Conservation
 1675 Broadway, Suite 1300
 Denver, CO 80202-4613
 (303) 620-4292
- State Geologist**
 Colorado Geological Survey
 1313 Sherman Street, Room 715
 Denver, CO 80203
 (303) 866-2611
 Fax: (303) 866-2115
- Oil and Gas Conservation Commission**
 1580 Logan Street, Suite 380
 Denver, CO 80203
 (303) 894-2100
 Fax: (303) 894-2109
- Public Utilities Commission**
 Ron Lehr, Commissioner
 Logan Tower OL2, Logan Street
 Denver, CO 80203
 (303) 894-2070
- 393 Connecticut**
 Governor Lowell Weicker
 State Capitol
 Hartford, CT 06106
 (203) 566-4840
- State Energy Office**
 Susan Shimelman
 Office of Policy and Management Policy
 Development and Planning Division
 80 Washington Street
 Hartford, CT 06106
 (203) 566-4298
- State Geologist**
 Richard C. Hyde
 Connecticut Geological Survey
 Department of Environmental Protection
 Natural Resources Center
 165 Capitol Avenue, Room 553
 Hartford, CT 06106
 (203) 566-3540
- Department of Public Utility Control**
 Louis Rickard
 Chief of Research and Policy Analysis
 1 Central Park Plaza
 New Britain, CT 06051
 (203) 827-2601
- 394 Delaware**
 Governor Thomas Carper
 Legislative Hall
 Dover, DE 19901
 (302) 736-4101
- 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
- 395 District of Columbia**
Mayor's Office
 Mayor Sharon Pratt Kelly
 1350 Pennsylvania Avenue, N.W.
 Washington, DC 20004
 (202) 727-6310
- 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**
 Dr. Phylicia A. Fauntleroy, Ph.D.
 Executive Director
 450 Fifth Street, N.W., Suite 800
 Washington, DC 20001
 (202) 626-9176

396**Florida**

Governor Lawton Chiles
The Capitol
Tallahassee, FL 32399-0001
(904) 488-4441

State Energy Office

Jim Tait
Florida Energy Office
Department of Community Affairs
2740 Centerview Drive
Tallahassee, FL 32399-2100
(904) 488-6764

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
101 E. Gaines Street
Tallahassee, FL 32399-0850
(904) 488-7463

397**Georgia**

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

State Energy Office

Paul Burks
Office of Energy Resources
254 Washington Street, SW.
Suite 401
Atlanta, GA 30334-8502
(404) 656-5176
Fax: (404) 656-7970

State Geologist

William H. McLemore
Georgia Geological Survey
EP, Natural Resources
Room 400
19 Martin Luther King 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

398**Guam**

Governor Joseph Ada
Executive Office
Agana, GU 96910
(671) 472-8931

State Energy Office

Michael B. Brown, Director
Guam Energy Office
P.O. Box 2950
Agana, GU 96910
(671) 477-0557
Fax: (671) 477-0589

399**Hawaii**

Governor John D. Waihee
State Capitol
Honolulu, HI 96813
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State Energy Office

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Austin, TX 78701
(512) 463-1961

State Geologist
William L. Fisher
Texas Geological Survey
Bureau of Economic Geology
The University of Texas at Austin
Box X, University Station
Austin, TX 78713-7508
(512) 471-7721
Fax: (512) 471-0140

State Oil and Gas Agency
Jim H. Morrow, Director
Oil and Gas Division
Railroad Commission
Box 12967, Capital Station
Austin, TX 78711-2967
(512) 463-6893

Public Utility Commission
William Dunn
Public Information Officer
7800 Shoal Creek Boulevard
Austin, TX 78757
(512) 458-0256

433

Utah

Governor Mike Leavitt
State Capitol
Salt Lake City, UT 84114
(801) 538-1000

State Energy Office
Richard M. Anderson
Utah Division of Energy
355 West North Temple
3 Triad Center, Suite 450
Salt Lake City, UT 84180-1204
(801) 538-5428

State Geologist
M. Lee Allison
Utah Geological Survey
2363 South Foothill Drive
Salt Lake City, UT 84109-1491
(801) 467-7970
Fax: (801) 467-4070

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

Public Service Commission
Julie Orchard, Commission Secretary
160 East 300 South
Box 45585
Salt Lake City, UT 84145
(801) 530-6716

434

Vermont

Governor Howard Dean
State House
109 State Street
Montpelier, VT 05602
(802) 828-3333

Department of Public Services
Scudder Parker, Director
Energy Efficiency Division
120 State Street
Montpelier, VT 05620
(802) 828-2393

Public Service Board
Susan M. Hudson, Clerk
89 Main Street
City Center Building, 3rd Floor
Drawer 20
Montpelier, VT 05620-2701
(802) 828-2358

State Geologist
Diane L. Conrad
Agency of Natural Resources
Vermont Geological Survey
103 South Main Street, Center Building
Waterbury, VT 05671-0301
(802) 244-5164
Fax: (802) 244-1102

435

Virginia

Governor George F. Allen
State Capitol
P. O. Box 1477
Richmond, VA 23219
(804) 786-2211

State Energy Office
James A. Smith, Director
Division of Energy
Department of Mines, Minerals and Energy
2201 West Broad Street
Richmond, VA 23220
(804) 367-6851

State Geologist
Stanley S. Johnson
Virginia Geological Survey
DMME, Division of Mineral Resources
Natural Resources Building
McCormick Road, P. O. Box 3667
Charlottesville, VA 22903
(804) 293-5121
Fax: (804) 293-2239

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 24210
(703) 676-5423

State Corporation Commission
William Bridge, Director
Jefferson Building, Box 1197
Richmond, VA 23209
(804) 786-3733

436 Virgin Islands
Governor Alexander A. Farrelly
Governor's House
Charlotte Amalie
St. Thomas, VI 00802
(809) 774-0001

Energy Office
Claudette Young-Hinds
Virgin Islands Energy Office
Christiansted
St. Croix, VI 00820
(809) 772-2616
Fax: (809) 772-0063

437 Washington
Governor Mike Lowry
State Capitol
Legislative Building
Olympia, WA 98504
(206) 753-6780

State Energy Office
Jim Harding, Acting Director
Washington State Energy Office
925 Plum Street, SE, P.O. Box 43165
Olympia, WA 98504-3165
(206) 956-2000

State Geologist
Raymond Lasmanis
Washington Geological Survey
Department of Natural Resources, Geology
and Earth Resources Division
Mail Stop PY-12
4224 Sixth Avenue, SE
Building 1, Row 6
Olympia, WA 98504
(206) 459-6372
Fax: (206) 459-6380

State Oil and Gas Agency
Raymond Lasmanis
Oil and Gas Supervisor
Department of Natural Resources
Division of Geology and Earth Resources
Olympia, WA 98504
(206) 459-6372

Utilities and Transportation Commission
Paul Curl, Administrative Manager
Chandler Plaza Building South
1300 Evergreen Park Drive, SW
P.O. Box 9022

Olympia, WA 98504-9022
(206) 753-6423

438 West Virginia
Governor Gaston Caperton
State Capitol Complex
Charleston, WV 25305
(304) 348-2000

State Energy Office
John F. (Jeff) Herholdt, Jr.
West Virginia Development Office
Fuel and Energy Division
Building 6, 553 Capital Complex
Charleston, WV 25305
(304) 558-4010
Fax: (304) 558-3248

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

State Oil and Gas Conservation Commission
Thomas M. Streit, Acting Commissioner
Oil and Gas Conservation Commission
10 McJunkin Road
Nitro, WV 25143-2506
(304) 759-0516

Public Service Commission
H. M. Cunningham
201 Brooks Street (Street Address)
P. O. Box 812 (Mailing Address)
Charleston, WV 25323
(304) 340-0426

439 Wisconsin
Governor Tommy G. Thompson
State Capitol
P.O. Box 7863
Madison, WI 53707
(608) 266-1212
Fax: (608) 267-8983

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) 266-8234
Fax: (608) 267-0200

State Geologist
James M. Robertson
Wisconsin Geological Survey
3817 Mineral Point Road
Madison, WI 53705-5100
(608) 262-1705
Fax: (608) 262-8086

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

440 Wyoming
Governor Michael Sullivan
State Capitol Building, Room 124
Cheyenne, WY 82002
(307) 777-7437

State Energy Office
George Gault
Wyoming Department of Commerce
Division of Economic & Community
Development

Barrett Building
4th Floor North
Cheyenne, WY 82002
(307) 777-7284

State Geologist
Gary B. Glass
Geological Survey of Wyoming
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

- 441 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.

- 442 Air Transport Association of America (ATA)**
Robert J. Aaronson, President
1301 Pennsylvania Avenue, N.W., Suite 1100
Washington, DC 20006-1707
(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.

- 443 Aircraft Owners and Pilots Association (AOPA)**
Phil Boyer, President
421 Aviation Way
Frederick, MD 21701
(301) 695-2000

A membership association representing 300,000 general aviation aircraft owners and pilots who fly general aviation aircraft for business and personal transportation. AOPA works closely with the Federal Aviation Administration, Department of Transportation, National 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 Safety Foundation conducts research, safety and educational programs and flight training clinics.

- 444 Air Diffusion Council**
111 E. Wacker Drive, Suite 200
Chicago, IL 60601
(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.

- 445 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.

- 446 American Boiler Manufacturers Association (ABMA)**
R. N. Mosher, Executive Director
950 North Glebe Rd., Suite 160
Arlington, VA 22203
(703) 522-7350

ABMA members are manufacturers of utility, industrial, and commercial boilers, pressure vessels, and major components of the steam generating system. ABMA members are classified as either "active" or "associate." An active member is any person or organization that manufactures boiler systems or components for sale. An associate member is any person or organization that does work related to production, inspection, boiler insurance or boiler product technology. Associate members may also manufacture certain auxiliary apparatus.

447 American Coal Ash Association (ACAA)
Samuel S. Tyson, Executive Director
1913 I Street, N.W., 6th Floor
Washington, DC 20006
(202) 659-2303

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.

448 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; a film guide; 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. Now available for purchase or free loan (grades 7-12 and adult groups) is a slide presentation "Understanding the Greenhouse Effect and Global Climate Change." The complete kit contains 53 numbered slides, a script, teacher's guide, brochure and a one-page summary.

449 American College of Nuclear Physicians (ACNP)
Carol A. Lively, Executive Director
1101 Connecticut Avenue, N.W.
Suite 700
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.

450 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.

451 American Council on Education
Sheldon Steinbach, Vice President and General Counsel
1 Dupont Circle, N.W., Suite 800
Washington, DC 20036
(202) 939-9355

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.

452 American Gas Association (AGA)
Michael Baly III, President
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.

453 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.

454 American Lighting Association (ALA)
435 North Michigan Avenue
Chicago, IL 60611
(312) 644-0828

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.

455 American Nuclear Energy Council (ANEC)
Edward M. Davis, President
410 First Street, S.E.
Washington, DC 20003
(202) 484-2670

Organizations having an interest in any facet of the peaceful application of nuclear energy, including uranium suppliers, utilities, engineers/contractors, and equipment manufacturers. Purposes are to support development of nuclear power as an energy source; to coordinate and project the interests of the American nuclear industry to Congress and the Executive Branch; to relate Congressional and Executive Branch actions affecting nuclear energy issues to member companies.

456 American Petroleum Institute (API)
Charles J. DiBona, President
1220 L Street, N.W.
Washington, DC 20005
Publications Department: (202) 682-8375
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.

457 American Plywood Association
7011 S. 19th Street
P. O. Box 11700
Tacoma, WA 98411
(206) 565-6600

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.

458 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.

459 American Society for Engineering Education (ASEE)
11 Dupont Circle, N.W., Suite 200
Washington, DC 20036-1207
(202) 986-8500
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.

460 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 5 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.

461 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 *Agricultural Engineering*. A listing of publications and prices is available upon request.

462 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.

463 American Underground Space Association

511 11th Avenue, South
Box 320

Minneapolis, MN 55415
(615) 339-5403

As a multi-disciplinary, non-profit, professional organization involved in developing and using underground space, provides information and educational materials on underground space to its members and the general public. Provides a forum where technical, economic, social, environmental, and policy-related issues about developing and using underground space are discussed.

464 Association of American Railroads (AAR)

Edwin L. Harper, President & 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.

465 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.

466 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.

467 Association of Pellet Fuel Industries
555 116th NE, Suite 250
Bellevue, WA 98004
(206) 453-8422

Offers a directory of pellet appliance manufacturers and their products. Also provides an information referral service for retailers and manufacturers.

468 Biomass Energy Research Association (BERA)
Donald L. Klass, President
1825 K Street, N.W., Suite 503
Washington, DC 20006
(202) 785-2856
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.

469 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.

470 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.

471 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 oldest 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 to consumer interests. CECA/RF is currently studying public policy issues relating to 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 maintains a library and information on \$4 billion oil overcharge funds and a data base on utility appliance rebate programs.

472 Cooling Tower Institute (CTI)
Dorothy Garrison, Executive Director
P.O. Box 73383
Houston, TX 77273
(713) 583-4087

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.

473 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.

474 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.

475 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
(202) 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. 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.

476 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.

477 Electrical Generating Systems Association (EGSA)
A. Tony Raucci, Executive Director
10251 W. Sample Road #SV-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.

478 Electricity Consumers Resource Council (ELCON)
John A. Anderson, Executive Director
1333 H Street, N.W., West Tower, 8th Floor
Washington, DC 20006
(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; maintains library.

479 Florida Solar Energy Industries Association
Contact: Marcia K. Elder
707 East Park Avenue
Tallahassee, FL 32301
(800) 426-5899 (in Florida)
(305) 222-0971

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 and photovoltaics to the general public and professionals.

480 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.

481 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.

482 Gas Research Institute (GRI)
Stephen D. Ban, President and CEO
Headquarters
8600 West Bryn Mawr Avenue
Chicago, IL 60631
(312) 399-8100

Washington Operations
1331 Pennsylvania Avenue, N.W.
Suite 730 North
Washington, DC 20004-1703

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.

483 Hearth Products Association
Carter Keithley, President
1101 Connecticut Avenue, N.W.,
Suite 700
Washington, DC 20036
(202) 857-1181
Fax: (202) 223-4579

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.

484 Home Ventilating Institute
Division of AMCA
30 West University Drive
Arlington Heights, IL 60004

Provides information on residential static and powered ventilation. Maintains a test/certification program for residential ventilating products, publishes the HVI Certified Products Directory, and has a referral network. Services are provided primarily for contractors, distributors, dealers, home builders, designers, and building code officials, but interested consumers will also be assisted. Has a training and certification program for installers of heat recovery ventilators.

485 Hydronics Institute
35 Russo Place
P.O. Box 218
Berkeley Heights, NJ 07922
(908) 464-8200

The Hydronics Institute is a non-profit 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. Services offered by the Institute range from one- to three-day schools around the country, on Hydronic Systems, to telephone assistance on sizing, operation, and design questions. A list of literature is available.

486 Illuminating Engineering Society of North America (IESNA)
William Hanley, Executive Vice President
345 East 47th Street
New York, NY 10017
(212) 705-7913

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.

487 Independent Electrical Contractors (IEC)
Dwight "Ike" Casey, Executive Vice President
P. O. Box 10379
Alexandria, VA 22310-0379
(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.

488 Independent Liquid Terminals Association (ILTA)
John Prokop, President
1133 15th Street, N.W., Suite 204
Washington, DC 20005
(202) 659-2301

Independent terminal companies that provide "for hire" services to handle, transfer, and store bulk liquid commodities. Members operate deepwater and barge terminals for the storage of liquid food products, such as animal fats and vegetable oils, molasses, and spirits. Some members operate petroleum pipelines. Objectives are to advise members of pending legislation and regulations and to respond to these proposals; to provide and facilitate the exchange of information among operators; to promote the safe and efficient handling of an increasing variety of liquid products. Maintains speakers' bureau and placement services. Operates library on bulk liquid terminal and storage information.

489 Independent Lubricant Manufacturers Association (ILMA)
Nancy DeMarco, 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. Repre-

sents industry before Congress and Federal regulatory agencies and interacts with other industry groups. Compiles statistics; publishes monthly newspaper; maintains enforceable Code of Ethics.

490 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.

491 Institute of Gas Technology (IGT)

Bernard S. Lee, President
3424 South State Street
Chicago, IL 60616
(312) 567-3650

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.

492 International Association of Drilling Contractors (IADC)

Lee Hunt, President
P.O. Box 1287
Houston, TX 77210-4287
(713) 573-7171
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. Rep-

resents the global drilling industry before legislative and regulatory bodies at the State, Federal, and international levels. Compiles 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.

493 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.

494 National Association of Energy Service Companies (NAESCO)

Terry Singer, Executive Director
1440 New York Avenue, N.W.
Washington, DC 20005
(202) 371-7000

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.

495 National Association of Power Engineers (NAPE)

C. Dalgard, Executive Director
2350 East Devon Avenue, Suite 115
Des Plaines, IL 60018
(312) 298-0600

Professional society of power and stationary engineers. Associate members are sales engineers and teachers of any phase of engineering. Areas of interest

include air conditioning, compressed air, electric power, refrigeration, steam, and water. Promotes education in the power engineering areas. Secures and enforces license laws to prevent the destruction of life and property in the generation and transmission of power and to conserve of fuel resources of the Nation.

- 496 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.

- 497 National Coal Association (NCA)**
Richard L. Lawson, President
1130 17th Street, N.W.
Washington, DC 20036
(202) 463-2625

Producers and sellers of coal, equipment suppliers, other energy suppliers, consultants, and coal transporters. Serves as liaison between the industry and Federal branches and agencies of Government. Keeps members informed of legislative and administrative actions concerning taxation. Works with industry, consumers, and Government agencies to control air pollution. Seeks improved conditions for export of steam and metallurgical coal. Collects, analyzes, and distributes industry statistics; makes special studies of competitive fuels, coal markets, production and consumption forecasts, and industry planning.

- 498 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 124 independent chapters nationwide.

- 499 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; compiles and issues periodic summaries of statistical data on such factors as sales, new orders, unfilled orders, cancellation, production, and inventories.

- 500 National Hydropower Association (NHA)**
Linda Church Ciocci
555 13th Street, N.W., Suite 900 East
Washington, DC 20004
(202) 637-8115

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.

501 National Lubricating Grease Institute (NLGI)

Edward J. Palecki, General Manager
4635 Wyandotte Street, Suite 202
Kansas City, MO 64112
(816) 931-9480

Represents companies manufacturing or selling all types of lubricating greases; suppliers of such companies; technical and educational organizations. Promotes research and testing for the development of better lubricating greases and for providing better grease lubrication engineering service to industry; collects and disseminates technical data; conducts forums and educational program.

502 National Rural Electric Cooperative Association (NRECA)

Bob Bergland, Executive Vice President
1800 Massachusetts Avenue, N.W.
Washington, DC 20036
(202) 857-9500

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.

503 National Stripper Well Association (NSWA)

Tom Haywood, Executive Vice President
804 Eighth Street
Wichita Falls, TX 76301
(800) 761-1566

Federation of regional and State associations of producers of crude petroleum from small wells.

504 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.

505 Natural Gas Supply Information Center

Ron W. Henderson, Information Specialist
The University of Alabama
Box 870211
205 Tom Bevill Building
Tuscaloosa, AL 35487-0211
(205) 348-9268
Fax: (205) 348-9268

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 NGSICs offer their services to the gas industry, both locally and throughout the United States, and the research community. The information available at the NGSICs is intended to help ensure a more secure supply of natural gas for the Nation's consumers. GRI's other three NGSICs are located at the Colorado School of Mines (Golden, CO), Marietta Collete (Marietta, OH), and the University of Houston (Houston, TX).

506 North American Electric Reliability Council (NERC)
Michael R. Gent, President
Princeton Forrestal Village, 116-390 Village Boulevard
Princeton, NJ 08540-5731
(609) 452-8060

A nonprofit corporation owned by nine regional councils, NERC is the principal organization for coordinating, promoting, and communicating the reliability of North America's electric utilities. 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. These utilities 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.

507 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.

508 Potential Gas Committee
Potential Gas Agency
Colorado School of Mines
Harry Kent, 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.

509 Service Station Dealers of America (SSDA)
D. G. "Jim" Daskal, General Counsel
801 N. Fairfax Street #109
Alexandria, VA 22314-1757
(703) 548-4736

Service station operators who are members of affiliated State and local associations.

510 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.

511 U.S. Council for Energy Awareness (USCEA)
Phillip Bayne, CEO & President
1776 I Street, N.W., Suite 400
Washington, DC 20006
(202) 293-0770

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.

512 U.S. Enrichment Corporation (USEC)
Jan Kyland
Kermit Laughton
2300 M Street, N.W.
Washington, DC 20037
(202) 466-8900
Fax: (202) 376-6926

Produces and sells uranium enrichment services to domestic and international utility customers.

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