

DR. 2306

MASTER

**Conservation and
Renewable Energy
Resource Directory**

January 1979



U.S. Department of Energy
Assistant Secretary for Intergovernmental
and Institutional Relations
Office of Consumer Affairs

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Conservation and Renewable Energy Resource Directory

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January 1979



U.S. Department of Energy
Assistant Secretary for Intergovernmental
and Institutional Relations
Office of Consumer Affairs
Washington, DC 20508

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NOTE TO USER

This contact listing is intended to give its user more complete access to information on the United States Department of Energy (DOE) research, outreach, conservation and financial assistance activities dealing with energy from renewable resources. Consumers have asked for a resource listing to provide an avenue for them to respond and comment on DOE initiatives, and to keep us mutually informed. Providing easier access to DOE programs will result in more responsiveness to the needs of consumers and the communities in which they live.

Directories such as this can become outdated quickly. Willingness on the part of the user to bring changes to our attention will be necessary if this listing is to maintain its usefulness. Your comments are strongly encouraged and appreciated.

Please address your comments to Richard Moorer, Office of Consumer Affairs, Forrestal Bldg., 8G-031, Washington, D.C. 20585, (202) 252-5866.

DEPARTMENT OF ENERGY
CONSERVATION AND RENEWABLE ENERGY RESOURCE DIRECTORY
JANUARY 1979

INTRODUCTION

The purpose of this Directory is to facilitate quick access to Department of Energy (DOE) Offices responsible for conservation and renewable energy activities. Because several offices in DOE may have responsibility for various phases of a technology or service (i.e., research, development, demonstration, commercialization, information, education, etc.) the Directory lists the key contacts from the various phases by category.

The Directory is organized in five main categories plus an index and relevant appendices. The categories are:

- Renewable Energy Technologies
- Complementary Technologies
- Conservation Technologies
- Environment
- Support Services

The following abbreviations are used for DOE organizations at the Assistant Secretary level:

- Office of Conservation and Solar Applications - CS
- Office of Energy Research - ER
- Office of Energy Technology - ET
- Office of Environment - EV
- Office of Intergovernmental and Institutional Relations - IR
- Office of Resource Applications - RA

Other organizations at the Assistant Secretary level, which are used infrequently in this Directory, are spelled out.

Organizational charts for Offices mentioned in this Directory are given in Appendix III.

The key to mailing addresses used in this Directory (which may differ from physical location) is as follows:

FED..... Federal Building, 12th & PA Ave, NW, Washington, DC 20461
Forrestal....Forrestal Bldg, 1000 Independence Ave S.W., Washington, DC 20545
Germantown.....Germantown, Md 20767
20 Mass.....20 Massachusetts Avenue, N.W., Washington, DC 20545
600 EBicentennial Bldg, 600 E St, N.W., Washington, DC 20004
825 N. Capitol St.....Washington, DC 20002
2000 M St.....Washington, DC 20036
400 1st St.....Washington, DC 20001

The telephone area code is 202 for all numbers unless noted otherwise.

TABLE OF CONTENTS

INTRODUCTION	i
I. <u>RENEWABLE ENERGY TECHNOLOGIES</u>	
SOLAR	PAGE 1
Thermal	
Electric	
WIND ENERGY SYSTEMS	PAGE 7
SMALL SCALE HYDROELECTRIC	PAGE 8
BIOMASS	PAGE 9
OCEAN SYSTEMS	PAGE 11
OTHER	PAGE 12
International Programs	
Policy and Evaluation	
II. <u>COMPLEMENTARY TECHNOLOGIES</u>	
APPROPRIATE TECHNOLOGY	PAGE 14
ADVANCED ENGINE DESIGN	PAGE 15
COGENERATION	PAGE 16
ENERGY STORAGE	PAGE 17
TOTAL ENERGY SYSTEMS	PAGE 19
III. <u>CONSERVATION TECHNOLOGIES</u>	
BUILDINGS AND COMMUNITY SYSTEMS	PAGE 20
Architecture and Engineering	
Consumer Product Research	
Community Energy Utilization	
Consumer Information and Technology Transfer	
Federal Programs	

	TRANSPORTATION	PAGE 25
	INDUSTRIAL AND AGRICULTURAL ENERGY CONSERVATION	PAGE 28
	STATE AND LOCAL PROGRAMS	PAGE 29
IV	<u>ENVIRONMENT</u>	PAGE 30
V	<u>SUPPORT SERVICES</u>	
	INFORMATION, OUTREACH, AND EDUCATION	PAGE 32
	SMALL BUSINESS SUPPORT	PAGE 35
	RESEARCH (BASIC)	PAGE 36
	DATA AND ANALYSIS	PAGE 37
	PUBLICATIONS AND FILMS	PAGE 38
	SOLAR ENERGY RESEARCH INSTITUTE	PAGE 39
	REGIONAL OFFICES LABORATORIES AND INFORMATION CENTERS	PAGE 40
VI	<u>APPENDICIES</u>	
	STATE ENERGY OFFICES	APPENDIX I
	ALPHABETICAL CONTACT LISTING	APPENDIX II
	ORGANIZATIONAL CHARTS	APPENDIX III
VII	<u>INDEX</u>	

RENEWABLE
ENERGY
TECHNOLOGIES

SOLAR

Thermal

Uses collectors and heat transfer system, (air, water, etc.), to store and apply solar heated medium to wherever it is used, e.g., space heating and cooling, agriculture and industrial process heat and hot water.

Solar Heating and Cooling, CS

Ronald D. Scott, Director
20 Mass., Mail Sta. 2221C
376-9610

Key Responsibilities: Solar heating and cooling projects. See contacts below for specific area of interest.

Systems Development Branch, Solar Heating and Cooling, CS

Dr. Frederick H. Morse, Chief
20 Mass, Mail Sta. 2221C
376-9630

Key Responsibilities: Component and system development activities for decentralized active, passive, and AIPH systems.

Dr. Stephen Sargent, Program Manager
Collector Development Program
20 Mass, Mail Sta. 2221C
376-9642

J. Michael Davis, Program Manager
Solar Assisted Heat Pump Program
Thermal Energy Storage Program
Acting Resource Manager for Solar Water Heating
20 Mass, Mail Sta. 2221C
376-9642

Michael Maybaum, Program Manager
Passive Solar Program
Systems Analysis Program
Controls Program
Acting Resource Manager for Passive Solar
20 Mass, Mail Sta. 2221C
376-9642

Robert Le Chevalier, Program Manager
Solar Cooling Program
20 Mass, Mail Sta. 2221C
376-9600

SOLAR (Cont'd)

Agricultural and Industrial Process Heat Branch, Solar Heating and Cooling, CS

James Dollard, Chief
20 Mass, Mail Sta. 2221C
376-9633

Key Responsibilities: RD&D for agricultural use (crop drying, heating on farms, etc.) and industrial process heat.

Demonstration Program Branch, Solar Heating and Cooling, CS

William Corcoran, Chief
20 Mass, Mail Sta. 2221C
376-9604

Key Responsibilities: Demonstration program for residential and commercial buildings with solar water, space heating and cooling; solar standards and codes, testing and certification; national data program.

Market Development and Training Branch, Solar Heating and Cooling, CS

Lawnie Taylor, Chief
20 Mass, Mail Sta. 2221C
376-9146

Key Responsibilities: Training, conferences, some exhibits for general or specialized audiences; Solar Utilization Economic Development and Employment Pilot Program; public education; installing contractor standards; information outreach; Regional Solar Energy Centers; and institutional market development.

SOLAR (Cont'd)

Barriers and Incentives, Commercialization, Planning and Assessment Branch, Solar Heating and Cooling, CS

Roger H. Bezdek, Chief
20 Mass, Mail Sta. 2221C
376-9616

Key Responsibilities: Solar barriers and incentives studies; utility/solar interface; utility/solar retrofit; consumer protection.

Regional Solar Energy Centers, Office of Regional Solar Energy Centers and Laboratory Coordination, CS

Walter R. Preysnar, Program Manager
20 Mass, Mail Sta. 2221C
376-9623

Key Responsibilities: Coordination of Regional Solar Energy Centers.

See page 41 Support Services

Federal Solar Buildings Program, Solar Heating and Cooling, CS

William A. Lemeszewsky, Program Manager
20 Mass, Mail Sta. 2221C
376-9622

Key Responsibilities: Solar Federal Buildings Program

Office of Thermal Power, Division of Central Solar Technologies, Office of Solar Geothermal Electric and Storage Programs, ET

Gerald Braun, Director
600 E St., Mail Sta. 404
376-1942

Key Responsibilities: R&D on large and small high temperature solar thermal systems.

Small Power Systems, Office of Thermal Power, Division Central Solar Technologies, ET

James E. Rannels, Acting Chief Small Solar Thermal Power Systems Branch
600 E St., Mail Sta. 404
376-1939

Key Responsibilities: Research, development and technology demonstration activities where solar heat is used to activate small heat engines for powering irrigation pumps and supplying electricity to smaller communities, especially those which are relatively isolated.

SOLAR (Cont'd)

Large Power Systems, Office of Thermal Power, Division of
Central Solar Technologies, ET

George Kaplan, Acting Director
600 E St, Mail Sta. 404
376-1935

Key Responsibilities: Large power systems where utilities are the
main users.

Energy Programs Division, Sandia Laboratories

James Scott, Director
Albuquerque, NM 18715
(505) 264-8031

Key Responsibilities: A variety of advanced technology programs,
including solar energy systems analysis, photovoltaics development
and solar central receiver development; also has a technology
liaison unit.

SOLAR (Cont'd)

Electric

Two of the ways to get electricity from the sun are Solar Electric Thermal and Solar Electric Photovoltaic.

In Solar Electric Thermal, the sun energy is concentrated with mirrors and reflected on boilers to produce steam. The steam, in turn, drives generators that produce electricity.

In Solar Electric Photovoltaic, special materials are used which, when placed in the sun's radiation, produce electricity directly. Photovoltaic cells may be placed in several systems, (directly in sunlight, in a solar concentrator made with mirrors, and on satellites to beam captured solar energy to receivers on earth via microwaves) The satellite program is not a part of DOE's Photovoltaic Program; as such it is listed under its own heading at the end of this section.

Solar Electric Thermal

Office of Thermal Power, Division of Central Solar Technologies, Office of Solar Geothermal Electric and Storage Programs, ET.

Gerald Braun, Director
600 E St., Mail Sta. 404
376-1942

Key Responsibilities: R&D on large and small solar thermal systems. This office is cross-listed under Solar Thermal because they work on non-electric as well as electric solar thermal systems.

Small Power Systems, Office of Thermal Power, Division
Central Solar Technologies, ET

James E. Rannels, Director
600 E St., Mail Sta. 404
376-1939

Key Responsibilities: Research, development and technology demonstration activities where solar heat is used to activate small heat engines for powering irrigation pumps and supplying electricity to smaller communities, especially those which are relatively isolated.

Large Power Systems Branch, Office of Thermal Power, Division
of Central Solar Technologies, Office of Solar, Geothermal,
Electric and Storage Programs, ET

George Kaplan, Acting Director
600 E St., Mail Sta. 404
376-1935

Key Responsibilities: Large power systems where utilities are the main user.

SOLAR (Cont'd)

Solar Electric Photovoltaic

Photovoltaic Program, Office of Distributed Energy Systems,
Solar Geothermal Electric and Storage Systems, ET

Paul Maycock, Chief
600 E St., Mail Sta. 404
376-1957

Key Responsibilities: DOE photovoltaic R&D and Commercialization programs.

Photovoltaic Commercialization Program, Solar Heating and Cooling, CS

Elaine Smith, Program Manager
20 Mass., Mail Sta. 2221C
376-5931

Key Responsibilities: Commercialization of photovoltaics

Jet Propulsion Laboratory, (DOE contractors)

Robert G. Forney
4800 Oak Grove Dr., Pasadena, CA 91103
(213) 577-9431

Key Responsibilities: Manages low cost photovoltaic solar array project; solar cell applications.

Satellite Power Systems

Satellite Power Systems Project Office, Office of Research Policy, ER

Fred Koomanoff, Director
400 1st St., Mail Sta. 509
376-9362

Key Responsibilities: Concept development on solar satellite systems with goal of developing an initial understanding of technology feasibility, economic practicality, and social and environmental acceptability.

WIND ENERGY CONVERSION SYSTEMS (WECS)

Wind machines extract the wind's energy by converting it to mechanical power (e.g., a rotating shaft). This power can be utilized to turn electric generators, to drive pumps, to move water (e.g., irrigation systems) and to compress refrigerants, as in heat pumps.

Wind Energy Conversion Systems (WECS), Division of Distributed Solar Technology, Office of Solar Geothermal and Energy Storage Systems, ET

Lou Divone, Branch Chief
600 E St., Mail Sta. 404
376-4878

Key Responsibilities: Refer below for specific categories.

Medium and Large WECS

Dan Ancona, Program Manager
600 E St., Mail Sta. 404
376-4960

Key Responsibilities: R&D on systems exceeding 100 kw; the application of these systems and the social problems involved with their utilization.

Wind Projects Office (Large Systems), NASA Lewis Research Center (DOE Contractor)

William Robbins, Program Director
NASA Lewis Research Center MS-49-6
21000 Brookpark Road
Cleveland, Ohio 44135
(216) 433-4000, Ext. 290, (FTS) 294-6152

Small WECS Research, Feasibility and Application

George Tennyson, Program Manager
600 E St., Mail Sta. 404
376-9660

Key Responsibilities: Small wind systems under 100kw, site selection of such systems, wind characteristics, and examination of innovative systems.

Small WECS Rockwell International (DOE Contractor)

Terry Healy, Project Manager
Rocky Flats Plants, Building 112
P.O. Box 464
Golden, CO 80401
FTS 322-4470; (303) 497-4470

Key Responsibilities: Provides DOE with technical and management assistance for development of small wind machines; sponsors and monitors development of private wind systems (under 100kw); tests commercially available systems.

SMALL SCALE HYDRO

In small scale hydro systems, energy is taken from falling water in streams and rivers. The falling water drives turbines and is converted into mechanical power to drive generators and other machinery. Tidal action may also be used as a source of falling water in some localities.

Hydroelectric Resource Management, RA

Richard McDonald, Resource Manager
FED, Mail Sta. 3344
633-8910

Key Responsibilities: Research, development, demonstration and commercialization of small scale hydroelectric power systems. See specific offices below.

Feasibility Study Loans Program, Commercialization and Special Studies, RA

Farwell Smith, Program Manager
FED, Mail Sta. 3344
633-8106

Engineering Development, Environment and Safety, Commercialization and Demonstration Projects, RA

George Grimes, Program Manager
FED, Mail Sta. 3344
633-8110

Institutional and Legal Barriers, Economic Analysis, and Interagency Coordination, RA

Ralph Burr, Program Manager
Fed, Mail Sta. 3344
633-8111

BIOMASS

Living plants absorb energy and through photosynthesis convert it to biomass, which is essentially stored chemical energy. It is available from energy farms (land and water), residues from agriculture, forestry and municipal wastes.

Biomass can be converted into energy intensive products such as:

Liquid fuels such as methanol (wood alcohol) and ethanol (grain alcohol). These can be used by themselves or mixed with gasoline to extend supplies of motor fuel or used as peaking fuels to generate electric power.

Gaseous fuels which include medium-Btu gas for on-site application; upgraded substitute natural gas (SNG) which may be fed into natural gas pipelines; hydrogen; and ammonia.

Petrochemical substitutes and other energy-intensive products including alcohols, ketones, turpentine, and resins.

Solid fuels for heat production from direct combustion to produce process heat and to generate pressurized steam and electric power.

Fuels from Biomass Systems Branch, Division of Distributed Solar Technology, Office of Solar, Geothermal, Electric and Storage Programs, ET

Dr. Leslie Levine, Acting Chief
600 E St., Mail Sta. 404
376-1931

Key Responsibilities: Biomass R&D program.

Alternative Fuels Branch, Division of Transportation Energy Conservation, CS

Eugene E. Ecklund, Chief
20 Mass, Mail Sta. 2221C
376-4892

Key Responsibilities: End use applications of alternative fuels for motor vehicles.

BIOMASS (cont'd)

Alternative Materials Utilization Branch, Office of Industrial Applications and Commercialization, CS

Jerome F. Collins, Chief
20 Mass, Mail Sta. 2221C
376-4119

Key Responsibilities: Substitute feed stocks; waste material use as feedstocks and fuels; blended cement; remanufactured products.

Urban Waste Technology, Office of Building and Community Systems, CS

Don Walter, Branch Chief
20 Mass, Mail Sta. 2221C
376-1964

Key Responsibilities: RD&D on utilization of waste as fuel. RD&D on recovery of energy-intensive materials from waste, conservation of energy, and waste water and water treatment.

Fossil Fuel Utilization, Office of Fossil Energy, ET

Jorgen W. Birkeland, Project Manager Combustion of Residues and Wastes
Germantown, Mail Sta. E178 GTN
(301) 353-4718

Key Responsibilities: Studies of combustion of forest residues and industrial wastes, residential use of wood stoves.

OCEAN SYSTEMS

A considerable temperature difference exists between the surface and the depths of the ocean. Ocean Thermal Energy Conversion (OTEC) consists of large floating platforms that use this thermal difference to drive large turbines and generate electricity. Electricity can also be generated through the use of wave energy, salinity gradients, and ocean currents.

Ocean Systems Branch, Division of Central Solar Technology, Office of Solar, Geothermal, Electric and Storage Programs, ET

Bill Richards, Chief
600 E Street., Mail Sta. 404
376-5889

Key Responsibilities: Federal focal point for development of ocean energy systems. Major emphasis is on OTEC, although other technologies are covered as well.

Biofouling, Corrosion, Materials; Salinity Gradient Energy

Eugene Kinelski, Program Manager
600 E St. Mail Sta. 404
376-4801

Power Systems Development

Ken Read, Program Manager
600 E St. Mail Sta. 404
376-4850

OTEC Applications; Legal, Institutional, Environmental, Resource Aspects

Robert Cohen, Program Manager
600 E St. Mail Sta. 404
376-4773

OTEC Energy Systems and Technical Development

Sig Gronich, Program Manager
600 E St. Mail Sta. 404
376-5949

Ocean Engineering, Wave Energy, Current Energy

Wilbur G. Sherwood
600 E St. Mail Sta. 404
376-4835

OTHER

International Programs

Office of International Affairs

Donald Foster, International Energy Policy Specialist;
Dianna Gulbinowicz, International Energy Analyst
Forrestal, Mail Sta. 8G-031
252-6183

Key Responsibilities: Develop policies and coordinate program planning and implementation of international solar and renewable energy development.

Solar International Program, Office of Solar, Geothermal, Electric and Storage Programs, ET

Dr. Lloyd Herwig, Scientific Advisor
600 E St., Mail Stop 404
376-4745

Key Responsibilities: International technology transfer

Policy and Evaluations

Advanced Energy Systems Division, Office of Policy and Evaluation

Dr. Allan Hoffman, Director
Forrestal, Mail Sta. 6E-068
252-6433

Key Responsibilities: Chairman of Domestic Policy Review of Solar Energy Integration Group; policy and analysis of renewable energy.

Conservation Division, Office of Policy and Evaluation

Sandra Rennie, Director
FED, Mail Sta. 461
633-8585

Key Responsibilities: Analyzing new Federal initiatives with respect to energy conservation. Analyzing social, economic, environmental and energy impacts of conservation policies.

OTHER (Cont'd)

State and Local Program Division, Office of Policy and Evaluation

David Meyer, Acting Director
FED, Mail Sta. 461
633-9191

Key Responsibilities: Local Role Study - Interns are assigned to eight demonstration communities to describe and analyze local programs, incorporating the perspective and needs of program officials. The purpose of the study is to present local problems more clearly and improve DOE response.

Implementation of Solar Commercialization Working Group,
Assistant Secretary for Policy and Evaluation

William Corcoran, Chairman
20 Mass, Mail Sta. 2221C
376-9604

Key Responsibilities: The National Plan for Acceleration and Commercialization of Solar (NPACS)

Division of Buildings and Community Systems, CS

Jacob Kaminski
Program Manager
20 Mass, Mail Sta. 2221C
376-4819

Key Responsibilities: 17 communities have been selected to participate in a pilot program of community energy planning and management. Objectives are to formulate methodologies to assist a given local government to assess its current and future energy requirements. to define its energy problems and set objectives, and to select alternatives that will best fit the objectives while considering energy savings, implementation costs and the total impact (behavioral, environmental, etc.) on the community.

COMPLEMENTARY

TECHNOLOGIES

APPROPRIATE TECHNOLOGY

Appropriate technology refers to energy related systems and supporting technologies appropriate to: a) The needs of local communities and the enhancement of community self-reliance through the use of available resources; (b) the use of renewable resources and the conservation of non-renewable resources; (c) the use of existing technologies applied to novel situations and uses; (d) applications which are energy conserving, environmentally sound, small scale and low cost; and (e) applications which demonstrate simplicity of installation, operation and maintenance.

Appropriate Technology Small Grants Program, Building and Community Systems, CS

Ann Hegnauer, Project Officer
20 Mass, Mail Sta. 2221C
376-4711

Key Responsibilities: Provide grants (\$50K and less) to individuals, small business, State and local governments, Indian tribes and non-profit organizations for appropriate technologies.

Small Scale Appropriate Technology, Building and Community Systems, CS

Jerry Duane, Acting Chief
20 Mass. Mail Sta. 2221C
376-4711

Key Responsibilities: Provide grants for the development of small scale, energy-related techniques that are appropriate to local needs and skills.

ADVANCED ENGINE DESIGN

Most engines in operation today are designed to burn fossil fuels. Advanced engine designs will permit the burning of fossil fuels more efficiently, or permit the burning of biomass fuels (alcohol, methane, etc.), exclusively, or in mixture with fossil.

Small Engine Coordinating Committee, Division of Fossil Fuel Utilization, Heat Engine and Heat Utilization Branch, ET
John Facey, Committee Coordinator
20 Mass, Mail Sta. 2221C
376-9345

Refer to Transportation page 25, for additional contacts.

COGENERATION

Cogeneration is the process whereby industrial waste heat is utilized for generation of electricity and/or process heat.

Small Power Systems, Office of Thermal Power, Division of Central Solar Technologies, ET

James E. Rannels, Acting Chief

600 E St., Mail Sta. 404

376-1939

Key Responsibilities: Research, development and technology demonstration activities.

Fossil Fuel Utilization, Office of Fossil Energy, ET

Ed Lievens, Acting Division Director

Germantown, Mail Sta. E-178

(301) 353-4561

Key Responsibilities: Advanced cogeneration systems.

Waste Energy Recovery/Utilization Branch, Office of Industrial Applications and Commercialization, ET

John Eustis, Acting Chief

20 Mass, Mail Sta. 2221C

376-1678

Key Responsibilities: Cogeneration systems and related waste energy utilization systems.

Cogeneration Commercialization Branch, Office of Industrial Applications and Commercialization, ET

Richard L. Cowles

20 Mass, Mail Sta. 2221C

376-4115

ENERGY STORAGE

Energy storage activities include activities to develop reliable and inexpensive energy storage systems for use in transportation, heating and cooling of buildings, industrial processes and utility applications. These storage systems will: permit the introduction of electric vehicles, help in meeting peak electricity demand, enable solar and other intermittent energy sources to provide continuous energy services, enable electric utilities to use their facilities more efficiently, and permit the storage for later use of previously wasted heat in industrial processes.

Storage systems include battery and electrochemical systems, chemical and thermal energy storage systems, mechanical and magnetic energy storage systems.

Division of Energy Storage Systems, Office of Solar, Geothermal Electric and Storage Programs, ET

George Pezdirtz, Acting Director
600 E St., Mail Sta. 404
376-9287

Key Responsibilities: Research and development of energy storage systems. See below for areas of specific interest.

Battery Branch, Division of Electrochemical Storage,
Division of Energy Storage Systems, ET

Kurt Klunder, Chief
600 E St., Mail Sta. 404
376-9254

Key Responsibilities: R&D on batteries.

Electrochemical Storage Branch, Division of Electrochemical Storage, Energy Storage Systems, ET

Albert Landgrebe, Acting Branch Chief
600 E St., Mail Sta. 404
376-9395

Key Responsibilities: R&D on electrochemical storage systems.

ENERGY STORAGE (cont'd)

Thermal and Mechanical Systems Branch, Division of Physical
Storage Systems, Division of Energy Storage Systems, ET

James Swisher, Acting Branch Chief
600 E St., Mail Sta. 404
376-4577

Key Responsibilities: R&D on pumped water, flywheel and
compressed air systems, magnetic storage.

Applications Analysis Branch, Division of Energy Storage Systems, ET

Lynn Holt, Acting Chief
600 E St., Mail Sta. 404
376-9258

Key Responsibilities: Applications of storage systems.

Research and Development, Solar Heating and Cooling, CS

Mike Davis, Project Officer Storage Systems
20 Mass, Mail Sta. 2221C
376-9642

Key Responsibilities: Applications of storage systems to solar heating
and cooling of buildings.

Electric and Hybrid Vehicles see page 25.

TOTAL ENERGY SYSTEMS

Solar total energy systems include concepts for cogeneration of steam and electricity. Numerous combinations are possible within the total energy concept. Electricity could be generated, utilizing the waste heat for low-temperature industrial processes, hot water, and space heating and cooling. High-temperature process heat could be produced, with the intermediate temperature heat going to a turbine to produce electricity, or intermediate process heat could be extracted from the turbine. The utilization of waste heat will raise the efficiency of the system.

Small Solar Thermal Power Systems Branch, Office of Thermal Power, Division of Central Solar Technologies, ET
James E. Rannels, Acting Chief
600 E St., Mail Sta. 404
376-1939

Small Power Systems Branch, Office of Thermal Power, ET
Michael E. Resner, Program Manager
600 E St., Mail Sta. 404
376-1941

CONSERVATION

TECHNOLOGIES

BUILDING AND COMMUNITY SYSTEMS

The objective of Building and Community Systems is to develop and commercialize energy efficient design, construction and operations methods, standards for application to new and existing residential and commercial buildings, community planning and design, and urban waste systems.

Architecture and Engineering, Building and Community Systems, CS

Dr. Maxine Savitz, Acting Director
20 Mass, Mail Sta. 2221C
376-4646

Key Responsibilities: Directorship of the contacts within this section. Refer below for specific areas of interest.

Architecture and Engineering Systems Branch, Building and Community Systems, CS

John Cable, Chief
20 Mass, Mail Sta. 2221C
376-4672

Key Responsibilities: Develop and promote research focused towards energy efficient design of buildings. The following contacts work on specific areas of this responsibility.

Building Codes Standards Support, AES Branch, CS

Jim Shivar, Program Manager
20 Mass, Mail Sta. 2221C
376-4888

Key Responsibilities: Promote building codes and standards that are energy conserving.

Illumination, Ventilation, Infiltration, Simplified and Computerized Energy Calculation Procedures, AES Branch, CS

Howard Ross, Program Manager
20 Mass, Mail Sta. 2221C
376-4672

Key Responsibilities: Working on energy conserving modeling and standards in the above areas.

Performance Standards, AES, CS

Jim Binkley
20 Mass, Mail Sta. 2221C
376-4888

Key Responsibilities: Model national building code for existing structures. Building energy performance standards for new buildings. Have four technical advisory centers to assist State and local building code officials.

BUILDING AND COMMUNITY SYSTEMS (Cont'd)

Demonstration Program, AES Branch, CS

Bill Coyle, Program Manager
20 Mass, Mail Sta. 2221C
376-4888

Insulation, AES Branch, CS

Ernie Freeman, Project Manager
20 Mass, Mail Sta. 2221C
376-4888

Consumer Product Research

Activities under this heading include measures to develop, demonstrate, and encourage the commercialization of more energy efficient design in heating, cooling, and ventilating equipment and systems, lighting and windows, appliances, building controls, and materials and diagnostic equipment used to determine the efficiency of energy use in buildings. Attention is being given to heat pumps, high efficiency gas and oil-fired space conditioning systems; improved lighting components and window materials and design; energy saving appliances, building control strategies and hardware, insulation materials, and effective use of infrared methods for collecting heat loss data from buildings.

Consumer Products and Technology Branch, CS

Kurt Riegel, Chief
20 Mass, Mail Sta. 2221C
376-1886

Key Responsibilities: RD&D on the various energy consuming and conserving components in buildings. The following contacts deal with the specific areas indicated.

Heating, Ventilation and Air Conditioning, CPT Branch, CS

George Courville, Project Manager
20 Mass, Mail Sta. 2221C
376-1886

Consumer Technology (Lighting, Controls, Windows, Fuel Cells), CPT Branch, CS

John Cuttica, Project Manager
20 Mass, Mail Sta. 2221C
376-1886

BUILDING AND COMMUNITY SYSTEMS (Cont'd)

Appliances, CPT Branch, CS

George Courville, Project Manager
20 Mass, Mail Sta. 2221C
376-1886

Community Energy Utilization

Community planning includes measures for increasing energy efficiency of community systems through recapturing wasted energy, conserving energy and recovering energy from municipal wastes.

Community Systems, Building and Community Systems, CS

Steve Cavros, Branch Chief
20 Mass, Mail Sta. 2221C
376-4819

Key Responsibilities: Studies energy conservation at the community level. Seeks to promote sound conservation practices in community planning and design.

Urban Waste Technology, Building and Community Systems, CS

Donald K. Walter, Chief
20 Mass, Mail Sta. 2221C
376-1964

Key Responsibilities: RD&D on recovery of energy-intensive materials from waste, conservation of energy, and waste water and water treatment.

Technologies

Steve Levy, Project Manager
20 Mass, Mail Sta. 2221C
376-1964

Key Responsibilities: RD&D on technologies for recovery of energy intensive materials from waste.

Institutional

Charlotte Rines, Project Manager
20 Mass, Mail Sta. 2221C
376-1964

Key Responsibilities: Conducts RD&D on institutional problems and their solution through recovery of energy-intensive materials from waste.

BUILDING AND COMMUNITY SYSTEMS (Cont'd)

Consumer Information and Technology Transfer

Provides information and training link between the research technologists and the users of that technology.

Technology and Information Transfer, Building and Community Systems, CS

Mary-Lynn M. Wrabel, Program Manager
20 Mass, Mail Sta. 2221C
376-4669

Key Responsibilities: Develops commercialization and utilization plans for building and community systems programs; identifies, develops and implements communication activities that disseminate information on divisional activities.

Planning, Analysis and Evaluation, Building and Community Systems, CS

Peter Buck, Acting Chief
20 Mass, Mail Sta. 2221C
376-4708

Key Responsibilities: Support planning activities and review and evaluation of divisional projects.

Consumer Motivation and Behavior, Building and Community Systems, CS

Lynn Collins, Acting Chief
20 Mass, Mail Sta. 2221C
376-4708

Key Responsibilities: Develop pilot demonstration programs to identify consumer institutional barriers.

Small Scale Appropriate Technology, Building and Community Systems, CS

Jerry Duane, Acting Chief
20 Mass, Mail Sta. 2221C
376-4711

Key Responsibilities: Provide grants for the development of small scale, energy-related techniques that are appropriate to local needs and skills.

Office of Consumer Products, Building and Community Systems, CS

James A. Smith, Acting Director
20 Mass, Mail Sta. 2221C
376-4815

Key Responsibilities: Promote voluntary energy conservation standards in appliance design. Working on ranking system for energy efficiency of appliances.

BUILDING AND COMMUNITY SYSTEMS (Cont'd)

Small Business Programs, Building and Community Systems, CS

Floyd Collins, Director
20 Mass, Mail Sta. 2221C
376-4020

Key Responsibilities: Assist small businesses in implementing the latest conservation techniques for their business.

Federal Programs

Administration of Federal Energy Management Program (FEMP)

Federal Program Office, Building and Community Systems, CS

Paul G. Brumby, Director
20 Mass, Mail Sta. 2221C
376-4017

Key Responsibility: Federal Energy Management Program (FEMP) which is intended to conserve energy in Federal installations.

Residential Conservation Service

Bill Bethea, Program Manager
20 Mass, Mail Sta. 2221C
376-1964

Key Responsibilities: Program requires utilities to provide specific conservation services to homeowners.

TRANSPORTATION

Conservation of fossil fuels is sought through programs to help transportation consumers conserve gasoline and diesel fuel, through the development of more efficient engines, engines which can use alternate fuels, the development of electric powered vehicles, and retrofit devices for gasoline engines.

Heat Engine Systems Branch, Office of Highway Systems, Division of Transportation Energy Conservation, CS

George M. Thur, Chief
20 Mass, Mail Sta. 2221C
376-4675

Key Responsibilities: Accelerate development and commercialization of advanced automotive propulsion systems (gas turbine and Stirling engines) that meet all Federal standards for exhaust emissions levels and fuel economy and are capable of burning any liquid fuel. Vehicular systems work on drivetrains, transmissions, and retrofit devices for heavy-duty trucks is also part of the heat engine program that supports the fuel saving effort for propulsion systems.

Alternative Fuels Branch, Office of Highway Systems, Division of Transportation Energy Conservation, CS

E. Eugene Ecklund
20 Mass, Mail Sta. 2221C
376-4892

Key Responsibilities: Reduce transportation dependence on petroleum fuels by encouraging development of such non-petroleum fuels as fuel from coal, biomass, alcohols, and hydrogen.

Electric and Hybrid Vehicle Systems, Office of Transportation, CS

Paul J. Brown, Program Manager
20 Mass, Mail Sta. 2221C
376-4681

Key Responsibilities: Promote use of existing electrical vehicles, R&D to improve existing propulsion systems, batteries and vehicles. (Hybrid vehicles extend this concept by combining other systems, e.g., using an on-board small engine to charge batteries even while vehicle is in use.)

Vehicle Systems Branch, Office of Transportation Energy Conservation, Electric and Hybrid Systems, CS

Robert Kirk, Chief
20 Mass, Mail Sta. 2221C
376-4895

Key Responsibilities: RD&D on electric and hybrid vehicles.

TRANSPORTATION (Cont'd)

Technology Branch, Office of Transportation and Energy
Conservation, Electric and Hybrid Systems, CS

Kenneth F. Barber, Chief
20 Mass, Mail Sta. 2221C
376-4893

Key Responsibilities: Advancement in propulsion systems
and other vehicle related technologies.

Transportation Programs, Division of Transportation Energy
Conservation, CS

Sydney Berwager, Director
20 Mass, Mail Sta. 2221C
376-9658

Key Responsibilities: Provides industry and consumers with assistance
and information on transportation-related energy conservation. Programs
are concerned with ridesharing and vanpooling; more efficient driving
habits; information on gas mileage in automobiles and light trucks;
efficiency in automobile, truck and bus design and operation.

Transportation Assessment Branch, Division of Transportation
Energy Conservation, CS

Daniel P. Maxfield, Chief
20 Mass, Mail Sta. 2221C
376-4684

Key Responsibilities: Support for Transportation Energy
Conservation Program; coordinates input from consumers about
transportation energy programs (i.e., changes in automobiles;
future purchase needs, etc.)

New Concepts Branch, Division of Transportation Energy
Conservation, CS

Maurice Starr, Chief
20 Mass, Mail Sta. 2221C
376-4684

Key Responsibilities: Evaluation of new transportation concepts
and systems submitted by individuals, small business, and
academia. Provides program management, evaluation of fuel
efficient driving techniques.

TRANSPORTATION (Cont'd)

Data Analysis Branch, Division of Transportation Energy
Conservation, CS

Philip Patterson, Chief
20 Mass, Mail Sta. 2221C
376-4616

Key Responsibilities: Data analysis for transportation
programs.

INDUSTRIAL/AGRICULTURAL ENERGY CONSERVATION

The Office of Industrial Applications and Commercialization has its conservation efforts in industry aimed in three areas:

Industrial Technology Implementation which seeks to increase efficiencies of energy intensive processes. These efforts are further subdivided into four categories: high temperature processes (e.g., steel, aluminum, glass) petroleum refining and chemicals, end product processes (e.g., pulp and paper, textiles and general manufacturing), agricultural and food processes (e.g., fertilizers, irrigation, crop drying, integrated farm systems, food preservation and preparation).

Industrial Technology Development which seeks to utilize materials and energy now being wasted in many industrial processes. These efforts are divided into two categories: waste energy recovery/utilization and alternative materials utilization. In waste heat recovery/utilization, research includes work on waste heat recuperators, industrial heat pumps, refined techniques of fuel combustion, and industrial cogeneration which seeks to simultaneously generate electricity or shaft power and useful thermal energy (process heat). Alternative materials utilization includes work on substitute feedstocks, waste material use as feedstocks and fuels, blended cement, and improved product life through remanufacturing.

Industrial Systems Commercialization which seeks to encourage industry adoption of developed and demonstrated energy conserving technologies. These may be new technologies developed by DOE or underutilized but existing technologies.

Office of Industrial Applications and Commercialization, CS

Douglas G. Harvey, Director
20 Mass. Mail Sta. 2221C
376-4113

Key Responsibilities: See description above.

Division of Technology Implementation, Office of Industrial Applications and Commercialization, CS

Alan J. Streb
Acting Assistant Director
20 Mass, Mail Sta. 2221C
376-1671

Key Responsibilities: See description above.

STATE AND LOCAL PROGRAMS

State and local programs include a wide variety of programs which support conservation activities at State, county and local levels.

Office of State and Local Programs, CS

Frank M. Stewart, Director
20 Mass. Mail Sta. 2221C
376-4344

Key Responsibilities: Policy and guidance for State grant programs concerning conservation.

State Grant Programs, State and Local Programs, CS

Sandra Delaney, Acting Director
20 Mass. Mail Sta. 2221C
376-4406

Key Responsibilities: Develop regulations for state conservation programs authorized under EPCA and ECPA.

State-Specific Programs, Office of State and Local Programs, CS

Michael Willingham, Director
20 Mass. Mail Sta. 2221C
376-9854

Key Responsibilities: Provides technical and other program assistance to States in achievement of their conservation goals; develops program plans and implements plans for schools, hospitals, local government and public care buildings grants program under NECPA.

Weatherization Assistance Programs, State and Local Programs, CS

Mary Bell, Director
20 Mass. Mail Sta. 2221C
376-9481

Key Responsibilities: Develops regulations for low-income weatherization program administered through states.

Energy Extension Service, CS

Judith Liersch, Director; Kathleen Reavis, Policy Analyst
20 Mass. Mail Sta. 2221C
376-4516

Key Responsibilities: Provide oversight, guidance and technical assistance to states in implementing Energy Extension Service programs (programs to assist small energy consumers to adopt conservation measures and to encourage use of renewable energy sources).

ENVIRONMENT

ENVIRONMENT

The Office of Environment is responsible for the assessment of the environment and health effects of energy technology and the preparation of Environmental Impact Statements, and review of those Environmental Impact Statements from other DOE offices. This office also conducts R&D on the health, safety, and environmental effects of energy technologies and programs.

Assistant Secretary for Environment

Ruth Clusen
20 Mass, Room 6128
376-4185

Office of Technology Impacts, EV

Peter W. House, Director
20 Mass, Room 6238
376-1820

Key Responsibilities: Assess environmental impact of energy technologies.

Division of Technology Assessments, Office of Technology Impacts, EV

20 Mass, Room 4113
376-4148

Key Responsibilities: Manager of conservation, solar and geothermal assessments of environmental impacts; environmental development plans for related technologies.

Office of Health and Environmental Research, EV

William W. Burr, Jr., Acting Director
Germantown, Room E215
(301) 353-3153

Key Responsibilities: Responsible for the research program of the Office of the Assistant Secretary for Environment related to health and environmental effects of energy technology development, medical applications of nuclear technology, and basic biological research.

Office of Environmental Compliance and Overview (OECO), EV

R. J. Catlin, Acting Director
Germantown, Room A316
(301) 353-3033

Key Responsibilities: Assures that the Department is in compliance with environmental, health, and safety provisions for federal, state and local laws, regulations and policies.

National Environmental Policy Act Affairs Division (NEPA)

Robert J. Stern, Acting Director
20 Mass, Room 6229
376-5998

Key Responsibilities: (NEPA) Responsibility for supervising and participating in all departmental activities connected with the National Environmental Policy Act.

Environmental Liaison Division, Office of Program Coordination,
EV

Shelly Weinstein
20 Mass, Room 6123

Key Responsibilities: Assists the Assistant Secretary for Environment in meeting program objectives by encouraging and assisting the participation of Congress, State and local governments, and public interest groups in development of environmental programs.

SUPPORT

SERVICES

INFORMATION, OUTREACH AND EDUCATION

Several organizations in DOE are involved in whole or in part with relaying information on conservation and renewable energy technologies, programs and policies to the public and with integrating the concerns of the public into DOE policies and programs.

Freedom of Information and Privacy Act Activities, Office of Administrative Services

Milton Jordan, Director
Forrestal, Mail Sta. GA-142
252-6025

Key Responsibilities: Maintains copies of public comments and transcript of hearings and panels; handles requests for information regarding DOE under the Freedom of Information Act.

Office of Intergovernmental Affairs, IR

William E. Peacock, Director
Forrestal, Mail Sta. 8G-031
252-5370

Key Responsibilities: Liaison between governors, other Federal agencies, State and local officials and DOE offices.

Office of Public Affairs, IR

James D. Bishop, Director
Forrestal, Mail Sta. 8G-031
252-5466

Key Responsibilities: Directs public affairs and media activities including: press services; editorial services; speaker's bureau; audio visual.

Office of Education, Business and Labor Affairs, IR

Lawrence G. Stewart, Director
Forrestal, Mail Sta. 8G-031
252-5377

Key Responsibilities: Develops policy, planning, management of projects related to business and labor communities, education, educational institutions, private and public sector institutions identified with public education.

INFORMATION, OUTREACH AND EDUCATION (Cont'd)

Office of Procurement and Contract Management

Jack D. Koser, Director
Business Liaison Division
400 1st NW, Mail Sta. 308-RB
376-4698

Key Responsibilities: Serves as ombudsman for business (small and large).

Citizen Workshop Program Joint Center for Graduate Study

Dr. John F. Yegge
Associate Director, NORCUS
100 Sprout Road
Richland, Washington, 99352
(509) 375-3090

Key Responsibilities: DOE conducts citizen workshops to introduce energy concepts and problems to the general public. A typical workshop consists of three parts: 1. Orientation; 2. A decision making game; 3. A feedback session.

Conference Coordination, Speakers Bureau

Phyllis Corbitt
Acting Bureau Chief
1000 Independence Ave, SW
Washington, DC 20545
252-5644

Key Responsibilities: Make arrangements for qualified DOE persons to discuss energy issues covering all areas of DOE's expertise. Speakers are also available from DOE installations throughout the country.

Office of Consumer Affairs, IR

Bill Holmberg
Forrestal, Mail Sta. 8G-031
252-5866

Key Responsibilities: Sound out the consumers' concerns regarding pending DOE legislation and regulations through public hearings, surveys, etc.

Institutional Liaison and Communications, CS

Henry G. Bartholomew, Acting Director
FED, Mail Sta. 461
633-8838

Key Responsibilities: Training on conservation, marketing, and press relations for conservation.

INFORMATION, OUTREACH AND EDUCATION (Cont'd)

Marketing and Education Office, Institutional Liaison
and Communications, CS

Robert D. Jordan, Acting Director
FED, Mail Sta. 461
633-8616

Key Responsibilities: Develop consumer polls, conservation
films and TV spots.

Technology and Information Transfer Program, Building and
Community Systems, CS

Mary-Lynn Wrabel, Program Manager
20 Mass, Mail Sta. 2221C
376-4669

Key Responsibilities: Communication of Building and Community
Systems programs with organizations; develop publications, etc.

DOE/HUD Solar Heating and Cooling Information Center

P.O. Box 1607, Rockville, MD 20850
800-523-2929, Toll free number M-F 9 a.m. to 8 p.m.

Key Responsibilities: Will answer questions regarding solar
heating and cooling and give sources, bibliographies, etc.

Market Development and Training Program, Solar Applications, CS

Debra D. Langford, Program Manager
20 Mass, Mail Sta. 2221C
376-1983

Key Responsibilities: Develop grades K-12 solar science
curriculum; develop installer training programs.

Energy Extension Service, CS

Judith M. Liersch, Director; Katherine Reavis, Policy
Analyst
20 Mass, Mail Sta. 2221C
376-4516

Key Responsibilities: Provides oversight, guidance and
technical assistance to States in implementing Energy
Extension Service programs (program to assist small energy
consumers to adopt conservation measures and to encourage
use of renewable energy resources).

SMALL BUSINESS

Programs and measures in this category aim to provide information and assistance to small business for coping with rising energy costs and energy shortages and to facilitate small business input into national energy policy and programs; to assist small business with procurement related questions.

Office of Small Business, Building and Community Systems, CS

Floyd Collins, Director
20 Mass, Mail Sta 2221C
376-4020

Key Responsibilities: Assists small businesses with conversion techniques.

Small Business Policy, Office of Education, Business and Labor Affairs, IR

Dennis Bevans, Program Manager
Forrestal, Mail Sta. 8G-031
376-4070

Key Responsibilities: Outreach program to small business

Small Business Division, Office of Procurement and Contracts Management

Francis Brda, Director
400 1st St., N.W., Mail Sta. 403
376-9307

Key Responsibilities: Procurement related questions.

Energy Inventions Branch, Business Programs Division, Office of Education, Business and Labor Affairs, IR

Patrick J. Donohoe, Chief
Forrestal, Mail Sta. 8G-031
252-6260

Key Responsibilities: Assistance to inventors of energy related devices.

ENERGY RESEARCH

Office of Basic Energy Research, IR

Dr. James S. Coleman, Director
Division of Program Planning
Germantown, Mail Sta. G-338
(301) 353-4061

Key Responsibilities: To expand the fundamental knowledge base in science and engineering for all of the energy production and conservation technology development efforts carried out by DOE.

See also Regional Laboratories

DATA AND ANALYSIS

Collect and analyze data and develop model forecasts regarding solar and conservation activities.

Office of Energy Use Analysis, Energy Information Administration
Howard Walton, Director
FED, Mail Sta. 461
633-8486

Key Responsibilities: Conducts detailed studies and analysis of energy use, prepares projections of energy use by sector, fuel type and geographic location. Includes conservation and renewable resource modeling, estimating and forecasting.

PUBLICATIONS/FILMS

DOE Technical Information Center

P.O. Box 62,

OaK Ridge, Tennessee 37830

(615) 483-8611, Ext. 4672 - FTS: 858-4672

Key Responsibilities: Will answer questions regarding DOE publications and will fill some requests.

Audiovisual Branch, Office of Public Affairs, IR

Sid Schwartz, Audiovisual Officer

Germantown, Mail Sta. A15020

(301) 353-5365

Key Responsibilities: Will answer questions regarding DOE films.

DOE/HUD Solar Heating and Cooling Information Center

P.O. Box 1607, Rockville, MD 20550

800-523-2929 Toll free number M-F 9 am to 8 pm

Key Responsibilities: Disseminates pamphlets and other information regarding solar heating and cooling.

SOLAR ENERGY RESEARCH INSTITUTE (SERI)

SERI is involved in research to determine those applications of solar energy that are commercially attractive and environmentally acceptable. They are also working on the Solar Energy Information Data Bank and are very much involved in handling inquiries on solar energy. (See contacts below). The SERI organization chart is included in Appendix III and gives a good picture of the major areas of research ongoing at SERI. of the major

SERI Contacts

Solar
Energy
Information Center
1536 Cole Boulevard
Golden, CO 80401
(303) 231-1415

Public Information Office
Jerome Williams
(303) 231-1236

REGIONAL OFFICES, LABORATORIES AND INFORMATION CENTERS

CONSUMER AFFAIRS (C.A.) AND APPROPRIATE TECHNOLOGY (A.T.) CONTACTS

	<u>Contacts</u>	<u>States Served</u>
Region I	Roberta Walsh, C.A. & A.T. 150 Causeway St. Boston, Mass. 02114 (617) 223-0504; 3788	Maine, New Hampshire, Vermont, Rhode Island Massachusetts, Connecticut
Region II	Jack Bronson, A.T. Jane Delgado, C.A. 26 Federal Plaza New York, NY 10007 (212) 264-4629	New York, New Jersey, Virgin Islands, Puerto Rico
Region III	Anthony Pontello, A.T. Curtis Morris, C.A. 1421 Cherry Street Philadelphia, PA 19102 (215) 597-3606	Pennsylvania, Virginia W. Virginia, Delaware Maryland, District of Columbia
Region IV	Bob Biccum, A.T. Betty Camp, C.A. 1655 Peachtree St., NE Atlanta, GA 30309 (404) 881 2526	Kentucky, Tennessee N. Carolina, S. Carolina Mississippi, Alabama Georgia, Florida
Region V	John Purcell, AT . Gary Pitchford, C.A. Chicago Operations Office 9800 S. Cass Avenue Argonne, IL 60439 (312) 972-2067	Minnesota, Wisconsin Michigan, Illinois Indiana, Ohio
Region VI	Andy Anderson, A.T. Susan Hood, C.A. Chuck Royston, A.T. Guntis Terauds (Renewable Energy) Dan Deaton (Conservation) P.O. Box 35228 Dallas, TX 75235 (214) 749-7714	New Mexico, Oklahoma Texas, Arkansas, Louisiana

REGIONAL OFFICE, LABORATORIES, AND INFORMATION CENTERS (Cont'd)

	<u>Contacts</u>	<u>States Served</u>
Region VII	June Heard, C.A. Donna Kandler, A.T. 324 East 11th St. Kansas City, MO 64106 (816) 374-5533	Missouri, Nebraska, Iowa Kansas
Region VIII	Tom Newell, A.T. Sigrid Higdon, C.A. P.O. Box 26247 Belmar Branch Lakewood, CO 80226 (303) 234-2165	Montana, N. Dakota S. Dakota, Wyoming Utah, Colorado
Region IX	Dale Cook, A.T. Bob Laffel, C.A. 111 Pine St., 4th Floor San Francisco, CA 94111 (415) 556-0418	California, Nevada, Arizona, Hawaii
Region X	Mick Maurer (a.t. small grants program) . (206) 442-7285 Kathy Cornetz (general) (206) 442-7285 Gil Haselberger (206) 442-1746 1992 Federal Bldg. 915 Second Avenue Seattle, WA 98174	Washington, Oregon Idaho, Alaska

REGIONAL OFFICES, LABORATORIES, AND INFORMATION CENTERS (Cont'd)

Regional Solar Energy Centers

There are four regional information offices which have been set up to disseminate information on solar energy in their respective region. These offices are not to be confused with the Solar Energy Research Institute.

Northeast Solar Energy Center
Robert Mitchell, Manager, Communications Div.
70 Memorial Drive
Cambridge, MA 02412
(617) 661-3500

Mid-America Solar Energy Center
Roger Bergerson, Public Information Officer
1256 Trapp Road
Eagan, MN 55121
(612) 452-5300

Southern Solar Energy Center Planning Project
Alice Wertheim
Exchange Place
Suite 1250
2300 Peachford Road
Atlanta, GA 30338
(404) 457-4407
FTS: 242-4544

Western Solar Utilization Network
Ray Gilbert, Executive Director
c/o Bonneville Power Administration
Box 3621
Portland, OR 97208
(503) 234-3361, Ext. 4478

For further information, please see page 3.

REGIONAL OFFICES, LABORATORIES, AND INFORMATION CENTERS (Cont'd)

Laboratories

Ames Laboratory

Burton Gleason
Public Affairs
Ames Iowa State University,
Ames Iowa 50011
(515) 294-1856

Key Responsibilities: Solar research in materials, photovoltaics,
cooperative venture in biomass from cornstalks

Argonne National Laboratory

Danny Jittoux
Public Affairs, Director
9700 S. Cass
Argonne, IL 60439

(312) 972-5580

Key Responsibilities: Research and development in solar energy
and biomass.

Battelle Pacific Northwest Laboratories

L. L. Rader
Manager of Public Relations
P.O. Box 999
Richland, WA 99336

(509) 946-2327

Key Responsibilities: Basic and applied research and industrial
process development in solar energy; wind energy characterization;
compressed air storage; clean fuels and chemicals from
biomass, and agricultural and urban wastes; geothermal
corrosion and environmental monitoring; and materials
development. Also economic and social aspects of solar
energy use, building energy performance standards, and
conservation in agriculture and food processing.

REGIONAL OFFICES, LABORATORIES AND INFORMATION CENTERS (Cont'd)

Brookhaven National Laboratory Public Affairs

George Vineyard
Director, Public Affairs
Brookhaven National Laboratory
Upton, NY 11973

(516) 345-2345

Key Responsibilities: Solar, wind and biomass research; operate the National Center for the Analysis of Energy Systems; conduct conservation research in heating, cooling and insulation.

Hanford Engineering Development Laboratory

Gary R. Peterson,
Manager of Information Services
Westinghouse-Hanford
P.O. Box 1970
Richland, WA 99352

(509) 942-5658

Key Responsibilities: Materials research for all renewable energy technologies

Lawrence Berkeley Laboratory

Charles Hurley
Acting Director, Public Information
Lawrence Berkeley Laboratory
Bldg. 931, Room 400
1 Cyclotron Road
Berkeley, CA 94720

(415) 843-2740 (5791)

Key Responsibilities: Research and development in solar and geothermal energy; environmental studies of OTEC systems; studies involving energy conservation in buildings and passive design. Manages grants in solar and wind technologies.

REGIONAL OFFICES, LABORATORIES AND INFORMATION CENTERS (Cont'd)

Lawrence Livermore Laboratory

Jeff Garberson
Information Officer
Lawrence Livermore Laboratory
P.O. Box 550
Livermore, CA 94550
(415) 422-1100

Key Responsibilities: Research and development on solar industrial applications and geothermal; computer model studies of wind technologies.

Los Alamos Scientific Laboratory

David Moore
Public Affairs
P.O. 1663
Los Alamos, NM 87545 (505) 667-7000 (7771)

Key Responsibilities: Research and development in solar energy (primarily passive) and geothermal.

REGIONAL OFFICES, LABORATORIES AND INFORMATION CENTERS (Cont'd)

Oak Ridge National Laboratory

Edward Alberscher
Associate Director, Public Relations
Union Carbide Nuclear Division
PO. Box X
Oak Ridge, TN 37830

(615) 483-8611

Key Responsibilities: Research and development related to biomass, OTEC, small-scale hydropower, photovoltaics, and conservation.

Pittsburgh Energy Research Center

Mr. Richard Blackledge
Director, Public Affairs
550 2nd St.,
Idaho Falls, ID 83401

(208) 526-1317

Key Responsibilities: Small-scale hydroelectric, geothermal industrial process heat and residential solar research, planning and development.

Sandia Laboratories

Ted B. Sherwin
Manager, Information Department
Sandia Laboratories
P.O. Box 5800
Albuquerque, NM 87185

(505) 264-8065

Key Responsibilities: Solar energy research.

APPENDICES

APPENDIX I

STATE ENERGY OFFICES

ALABAMA

Edwin G. Hudspeth
Staff Director
Alabama Energy Management Board
Montgomery, AL 36130
(205) 832-5010

ALASKA

William C. McConkey
Director
State Energy Office
Mackay Building
338 Denali Street
Anchorage, Alaska 99501
(907) 272-0527

AMERICAN SAMOA

Palauni M. Tuiasosopo
Special Assistant for Energy Matters
Office of the Governor
Government of American Samoa
Pago Pago, A.S. 96799
dial Overseas Operator: request 633-4116

ARIZONA

Gerry Cunningham
Chief, Office of Energy
Office of Economic Planning
and Development
Capitol Tower, Room 507
Phoenix, AZ 85007
(602) 271-3303

ARKANSAS

Mark B. Woodward
Director
Energy Conservation and
Policy Office
960 Plaza West Building
Little Rock, AR 72205
(501) 371-1370

CALIFORNIA

Richard M. Maullin
Chairman
California Energy Commission
1111 Howe Avenue
Sacramento, CA 95825
(916) 920-6811 (800) 852-7516
FTS: 552-3690

COLORADO

Buie Seawell
State Energy Office
State Capitol
Denver, CO 80203
(303) 839-2507

CONNECTICUT

Sister Claire Markam
Under Secretary, Energy Division
Department of Planning and Energy Policy
80 Washington Street
Hartford, CT 06115
(203) 566-2800

DELAWARE

David L. Press
Assistant to the Governor
for Energy Affairs
c/o Secretary of State
P.O. Box 1401 - Townsend Bldg.
Dover, DE 19901
8-487-6011; then 678-5644

DISTRICT OF COLUMBIA

Ben W. Gilbert
Director, Municipal Planning Office
Executive Office of the Mayor
Room 409, District Building
13th and E Streets, N.W.
Washington, D.C. 20004
(202) 629-5111

STATE ENERGY OFFICES (Cont'd)

FLORIDA

Dr. Carlos Warren
Director, State Energy Office
108 Collins Building
Tallahassee, FL 32304
(904) 488-6764

GEORGIA

Mark Zwecker
Director
Office of Energy Resources
Office of Planning & Budget
270 Washington Street, S.W.
Atlanta, GA 30334
(404) 656-3874

GUAM

Clark E. Jewell
Administrator, Guam Energy Office
Office of the Governor
Government House
Agana, Guam 96910
dial Overseas Operator: request 477-9845

HAWAII

Hideto Kono
Director
Department of Planning and
Economic Development
P.O. Box 2359
Honolulu, Hawaii 96804
dial 8-556-0220: request 808-548-3033

IDAHO

L. Kirk Hall
Director, Idaho Office of Energy
State House
Boise, ID 83720
(208) 384-3258

ILLINOIS

Frank Beale
Director
Institute of Natural Resources
309 West Washington Street
Chicago, IL 60606
(312) 793-3870

INDIANA

Clarence D. Broadus
Director, Indiana Energy Group
115 North Pennsylvania St, 7th Flr.
Indianapolis, IN 46204
(317) 633-6753

IOWA

Dr. Edward Stanek
Acting Director
Iowa Energy Policy Council
707 East Locust Street
Des Moines, IO 50319
(512) 281-4420
FTS: 863-4420

KANSAS

Steven Harris
State of Kansas Energy Office
503 Kansas Avenue, Room 241
Topeka, KS 66603
(913) 296-2496

KENTUCKY

David Drake
Secretary
Kentucky Department of Energy
Capitol Plaza Tower, 9th Floor
Frankford, KY 40601
(502) 564-7070

STATE ENERGY OFFICES (Cont'd)

LOUISIANA

Raymond J. Sutton
Department of Conservation
P.O. Box 44275
Baton Rouge, LA 70804
(504) 389-5161

Thomas Landrum
Department of Natural Resources
P.O. Box 44156
Baton Route, LA 70804
(504) 389-2771

MAINE

John Joseph
Director
Office of Energy Resources
55 Capitol Street
Augusta, Maine 04339
(207) 868-2196

MARYLAND

Dr. Donald E. Milsten
Director, Energy Policy Office
Energy & Coastal Zone Administration
State Department of Natural Resources
301 West Preston St, Suite 1302
Baltimore, MD 21201
(301) 383-6810 -- FTS 932-6810

MASSACHUSETTS

Henry Lee
Director
Massachusetts Energy Policy Office
73 Tremont St, Room 700
Boston, MA 02108
(617) 727-4732

MICHIGAN

Robert Cappelletti
Acting Director
Michigan Energy Administration
Michigan Department of Commerce
Law Building - 4th Floor
Lansing, MI 48913
(517) 374-9090

MINNESOTA

John Millhone
Director
Minnesota Energy Agency
740 American Center Building
160 East Kellogg Boulevard
Saint Paul, MN 55101
(612) 296-6424

MISSISSIPPI

Pete Wally
Director
Mississippi Fuel and Energy
Management Commission
Woolfolk State Office Building
Room 1307
Jackson, MS 39302
(601) 354-7406

MISSOURI

J. Abbott
Program Manager
Missouri Energy Program
Department of Natural Resources
P.O. Box 1309
Jefferson City, MO 65101
(314) 751-4000

MONTANA

Bob Anderson
Montana Energy Office
Capitol Station
Helena, MT 59601
(406) 449-3750

NEBRASKA

George J. Dworak
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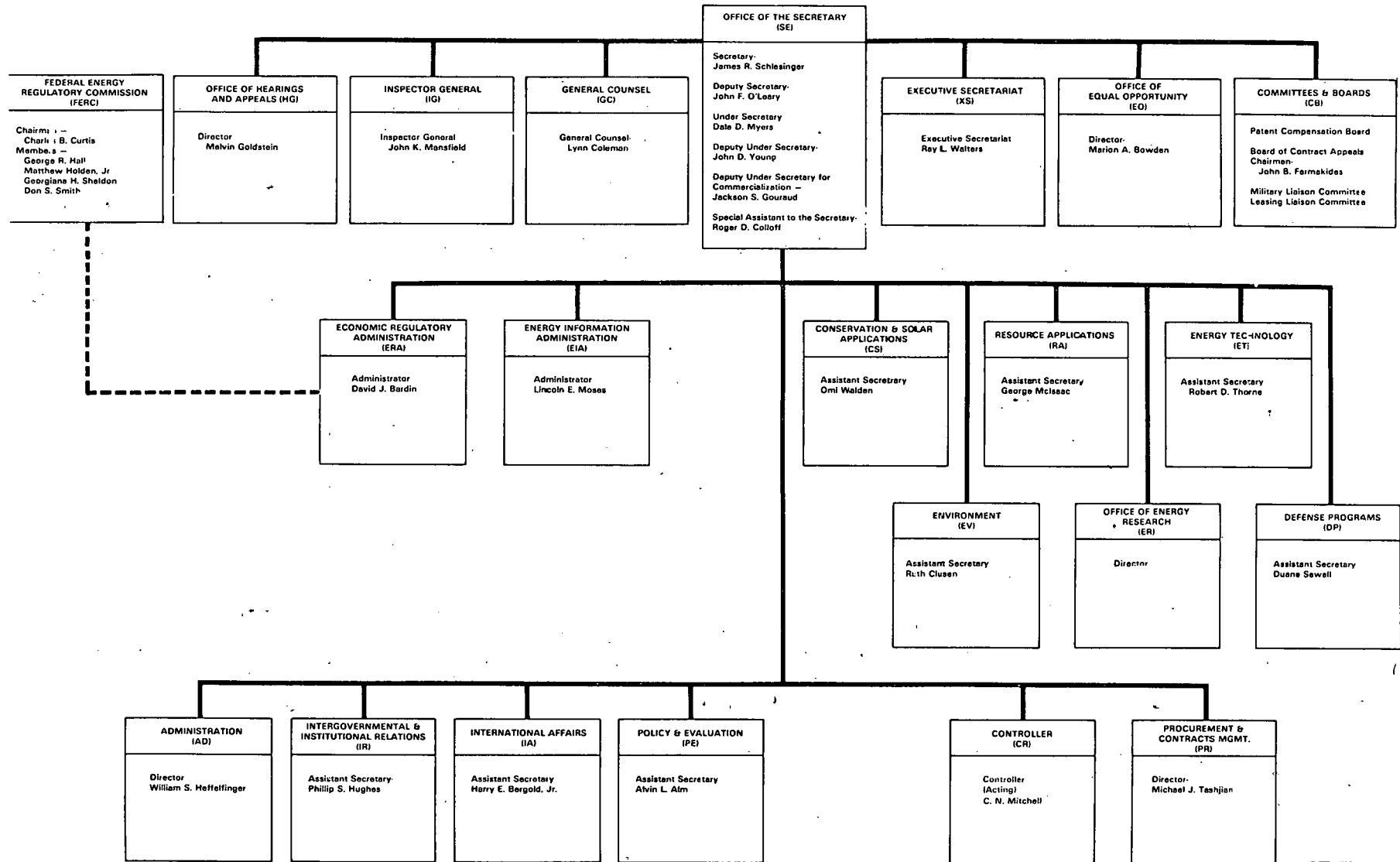
Alphabetical Contact Listing (Cont'd)

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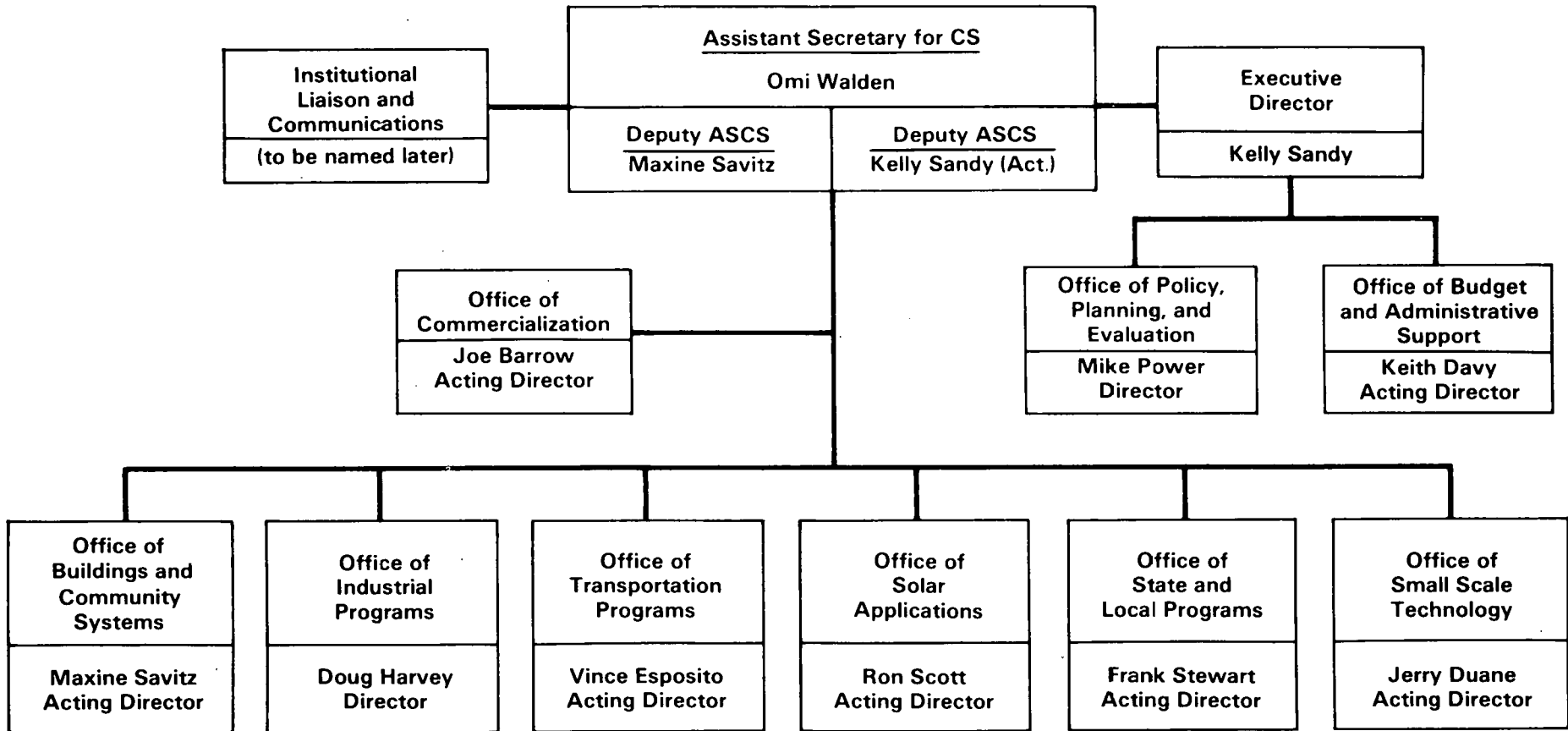
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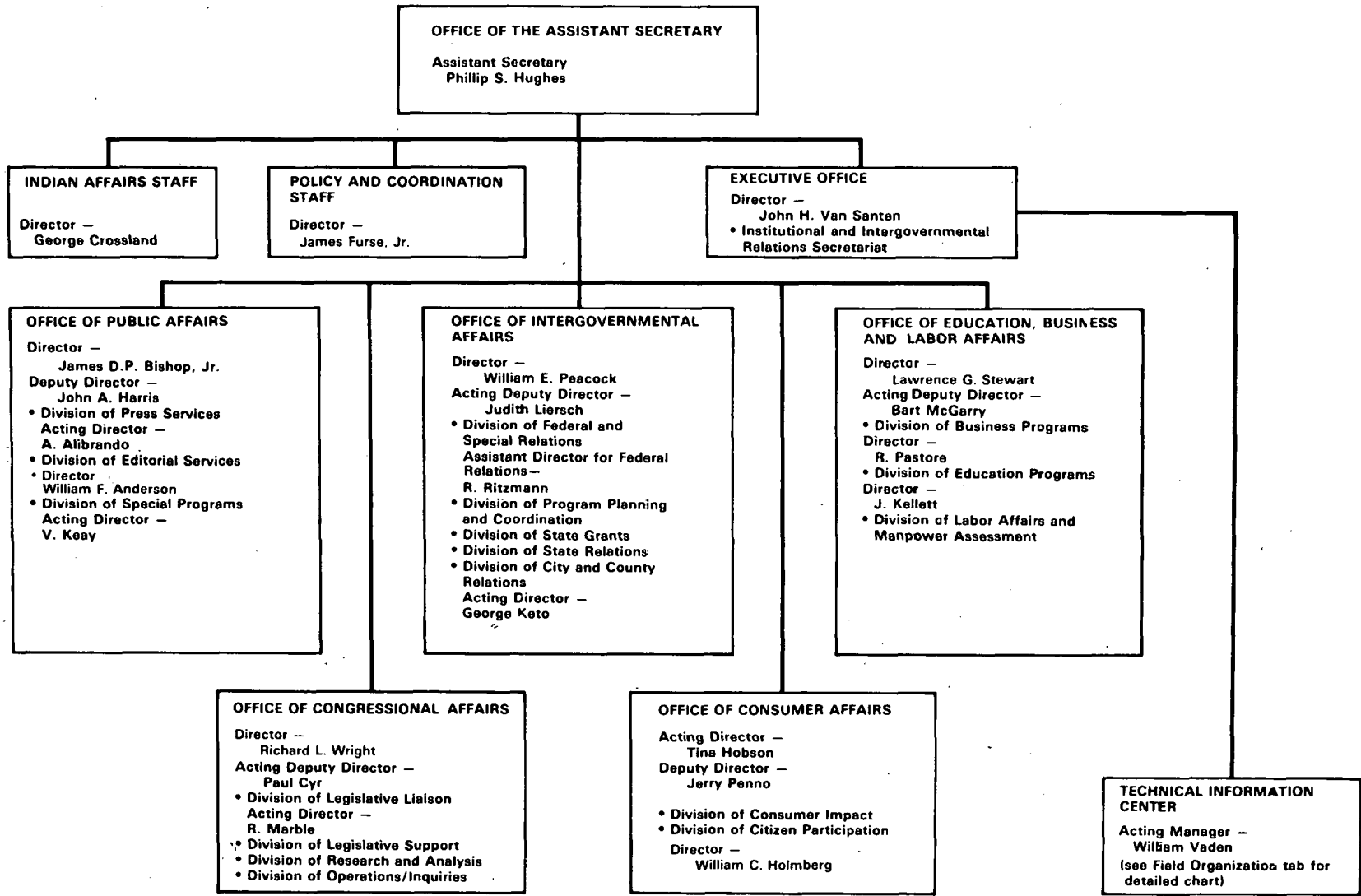
FE FORM 34

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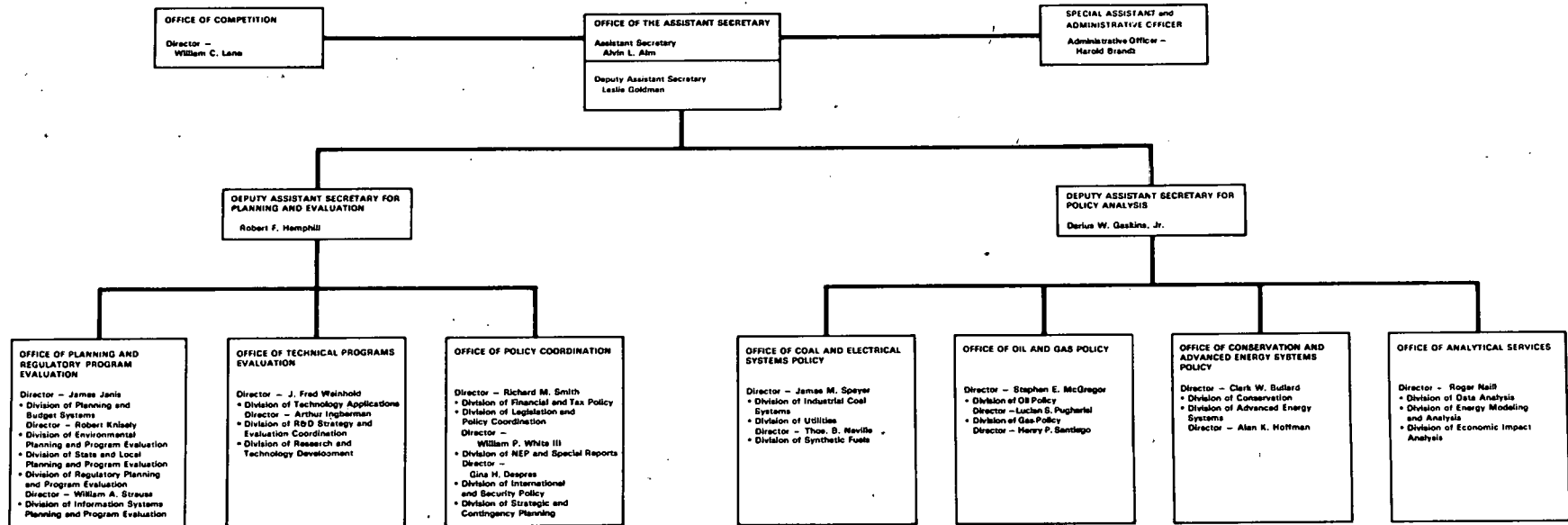
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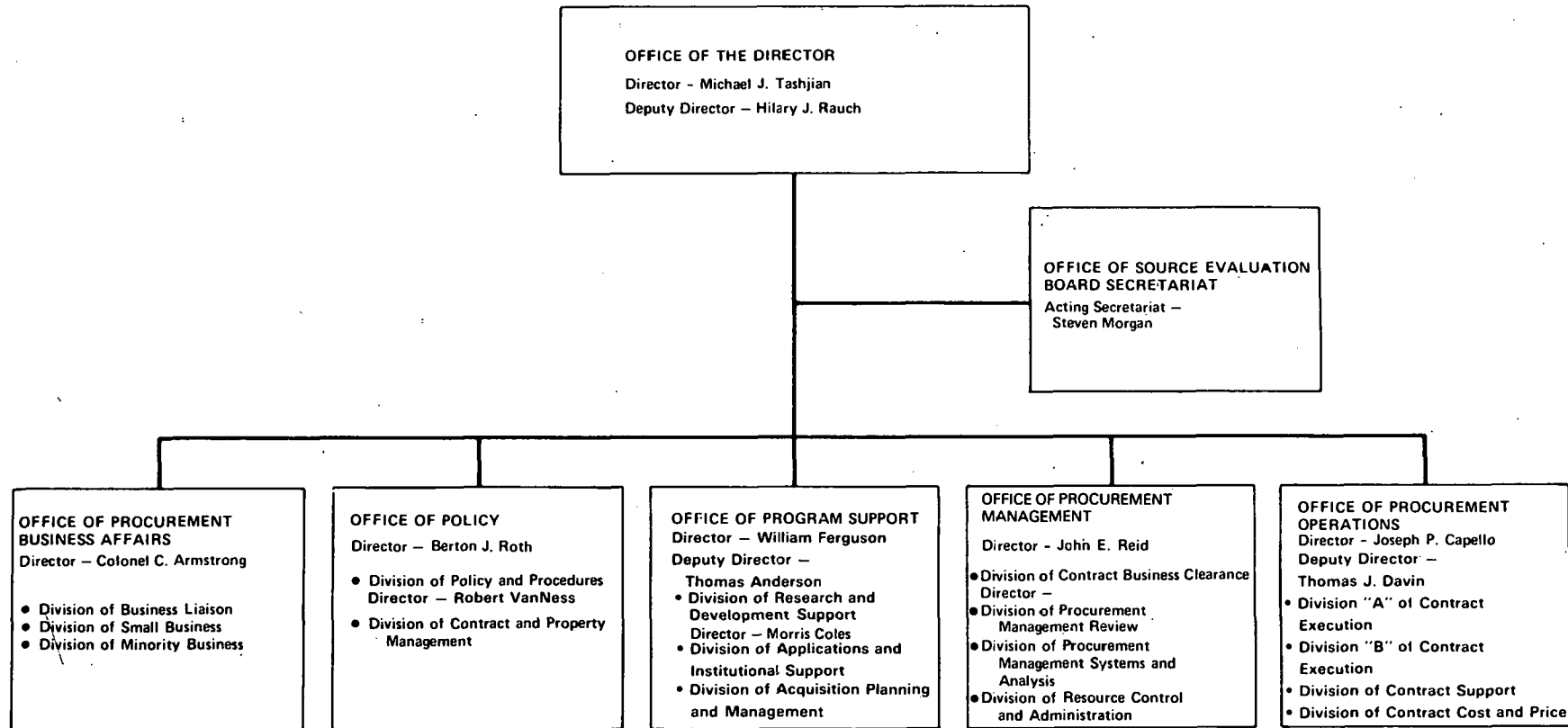
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As of Nov. 6, 1978

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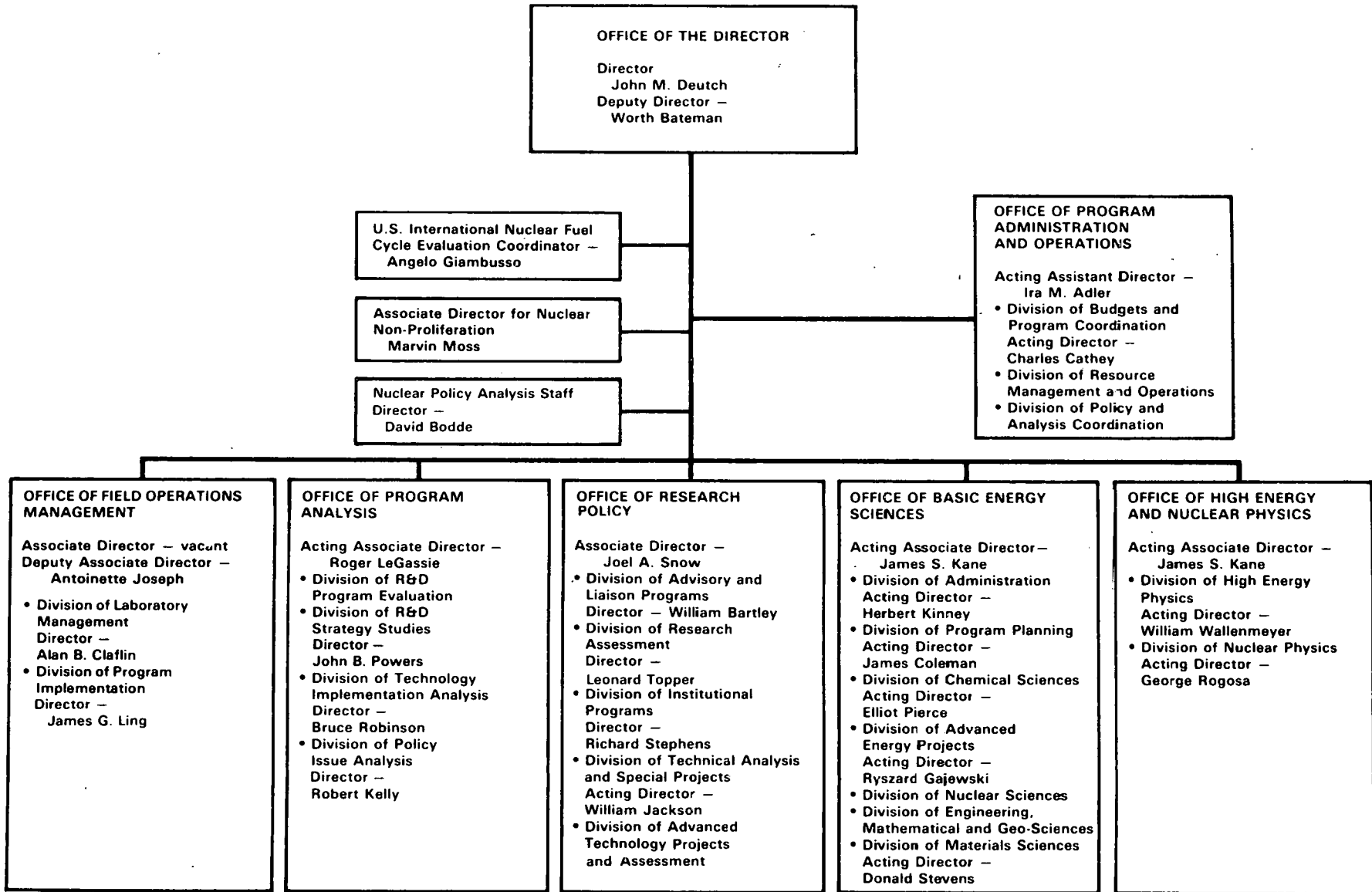
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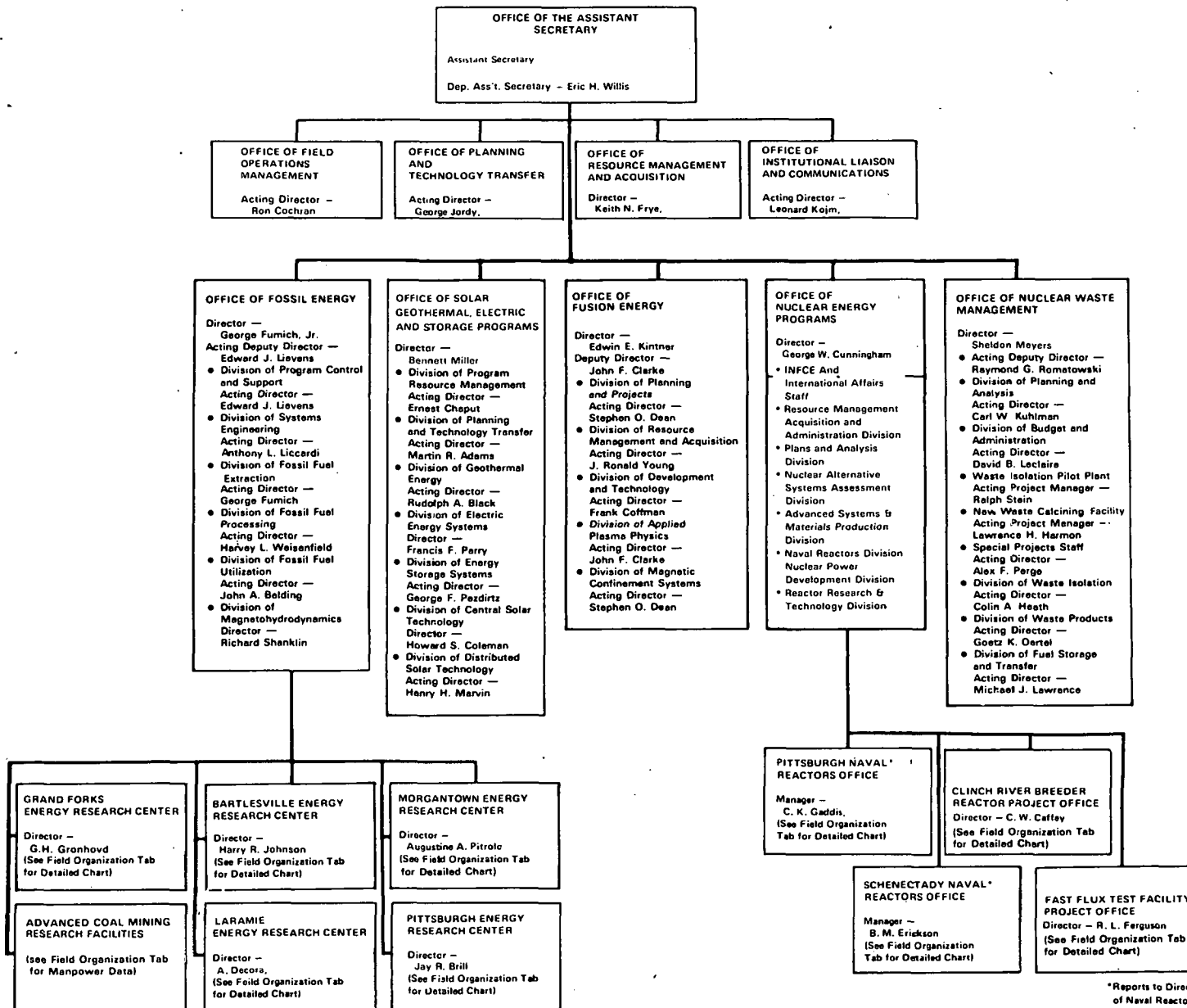
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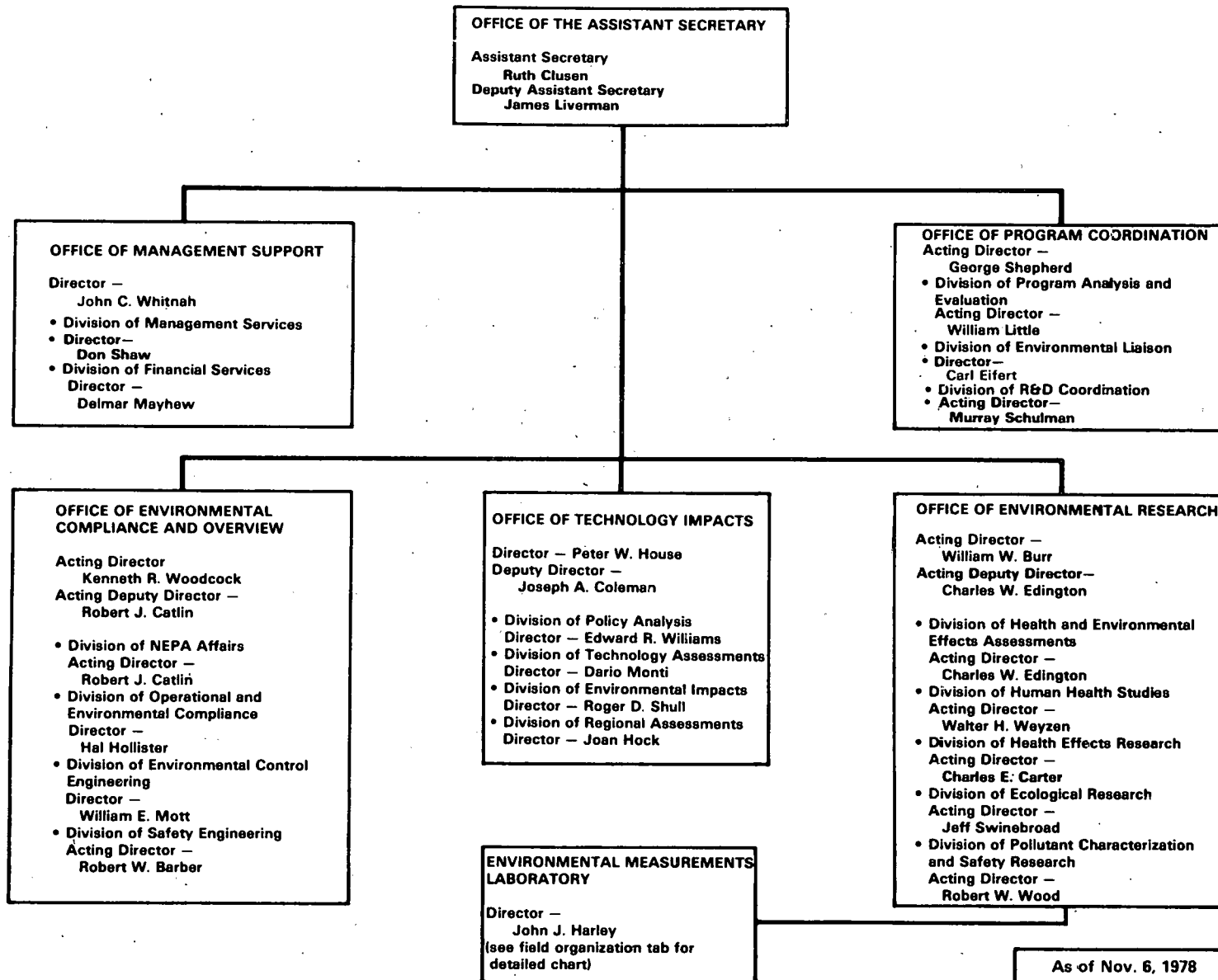
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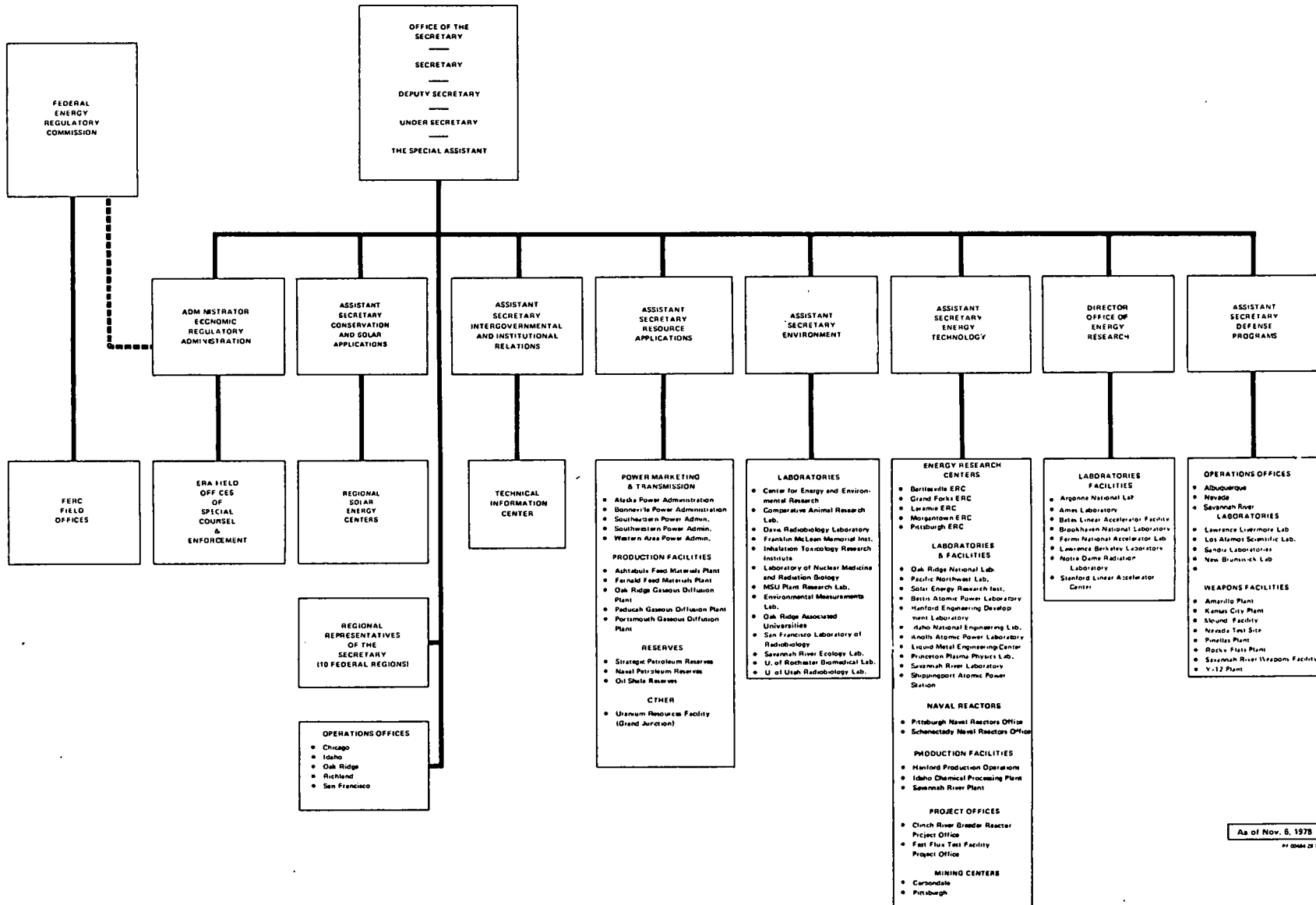


*Reports to Director, Division of Naval Reactors

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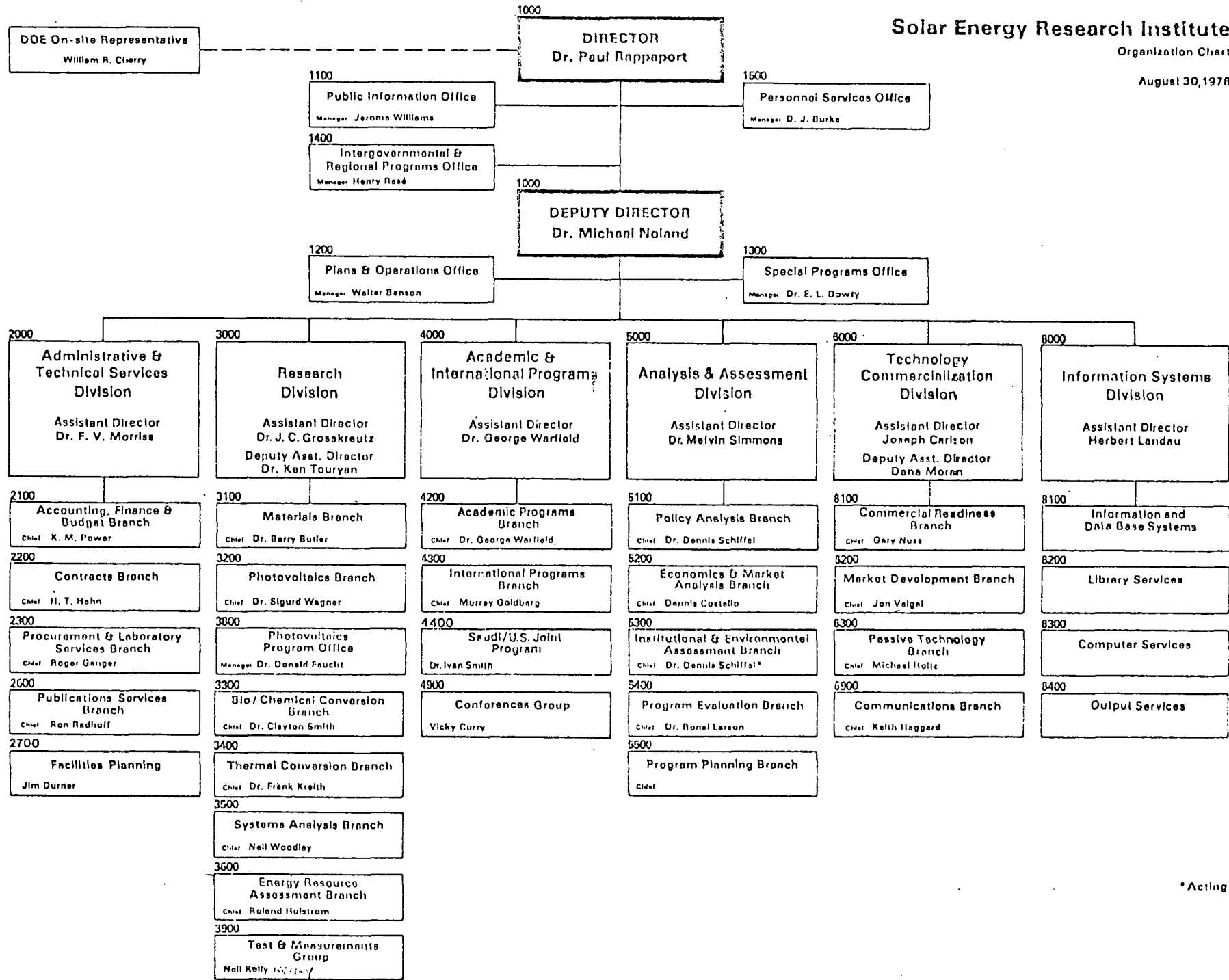
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Solar Energy Research Institute

Organization Chart

August 30, 1978



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INDEX

INDEX

	<u>PAGE(S)</u>
Advanced Heat Engines.....	15, 25
Agricultural Processes.....	2
Alcohol, (see Biomass)	
Appropriate Technology.....	14, 23, 40
Automobile (see Transportation)	
Batteries.....	17, 25
Biomass.....	9, 10, 25, 43
Building Codes.....	20
Building Controls.....	20
Building Energy Conservation Systems.....	20
Building Materials, Energy Conserving.....	20
Business Assistance (see Small Business Assistance)	
Cogeneration.....	16
Community Energy Conservation Systems.....	13, 22
Community Planning.....	13, 22
Conservation.....	12, 42
Agricultural.....	28
Appliances.....	22
Buildings.....	20
Industrial.....	28
Transportaton.....	25
Consumer Affairs.....	23, 31, 33, 39
Consumer Products and Technology.....	21
Cooling Systems.....	1
Data and Analysis.....	27, 37
Educational Programs.....	32, 34
Electric and Hybrid Vehicles.....	25
Energy Extension Service.....	29, 34
Engines(see Advanced Engine Design)	
Environmental Affairs.....	30, 31
Ethanol. (see Biomass)	
Federal Programs.....	3, 24
Fertilizers.....	28

PAGES

Films.....	38
Flywheels.....	17
Food Processes.....	28
Franklin Institute (See National Solar Heating and Cooling Information Center)	
Freedom of Information and Privacy Act Activities.....	32
Fuels, Alternative (See Biomass)	
Funding Assistance (See Small Business Assistance)	
Gas Mileage.....	26
Gasohol (see Biomass)	
Heat Pumps.....	1
Heating Systems	
Residential.....	21
Industrial.....	21
Hydroelectric (see Low Head Hydro)	
Industrial Processes	2, 28
Information Programs.....	23, 32, 39, 40
Insulation.....	21, 29
International Programs.....	12
Inventions (see Small Business Assistance)	
Irrigation.....	28
Large Power Systems.....	4, 5
Low Income Programs	
Weatherization.....	29
Solar Utilization Economic Development and Employment.....	2
Marketing.....	2, 33, 34
Media Relations (see Public Affairs)	
Methanol (see Biomass)	
Municipal Waste Utilization (see Wastes, Agricultural Industrial, Municipal)	
National Solar Heating and Cooling Information Center.....	34, 38

INDEX (Cont'd)

PAGE(S)

Ocean Systems	11, 43
Ocean Currents Energy.....	11
Organizational Charts.....	46
Passive Systems, Solar.....	1
Photovoltaic (see Solar Electric)	
Policy Analysis.....	12
Public Affairs.....	32
Publications.....	38
Recuperators (see Waste Heat Recovery)	
Regional Solar Energy Centers.....	2, 3, 42
Regional Offices.....	40
Regional Laboratories.....	2
Research Offices.....	18, 36
Satellite Program.....	6
Salinity Gradients Energy.....	11
Small Business Assistance.....	24, 32-33, 35
Small Power Systems.....	3, 5, 16, 19
Small-Scale Hydro-Power.....	8
Solar Electric.....	4, 5, 6, 43
Solar Energy Research Institute.....	38
Solar Hot Line (see National Solar Heating and Cooling Information Center)	
Solar Thermal.....	1, 3, 19, 43
Space Heating.....	1, 2
Standards	
Solar.....	2, 3
Building.....	2, 3, 20
Appliances.....	22
State and Local Grant Programs.....	13, 29
Storage (Electrical, Chemical, Thermal, Mechanical).....	17
Technology Transfer.....	23, 34
Tidal Power.....	11
Total Energy Systems.....	19
Transportation.....	25
Trucks (see Transportation)	
Utilities.....	3, 5
Vanpooling.....	26
Ventilation Techniques.....	20

Index (Cont'd)

	<u>PAGES</u>
Wastes Agriculture, Industrial, Municipal.....	10, 16, 22
Waste Heat Recovery.....	10, 16, 22
Wave Energy.....	11
Wind Energy.....	7, 42
Wood (see Biomass)	